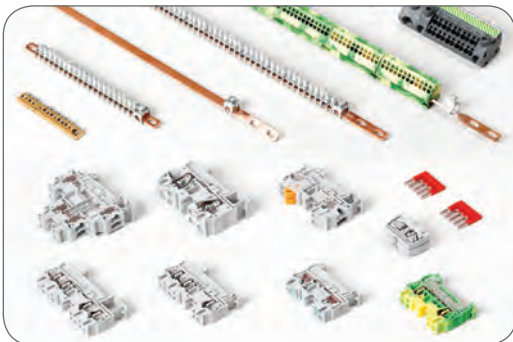
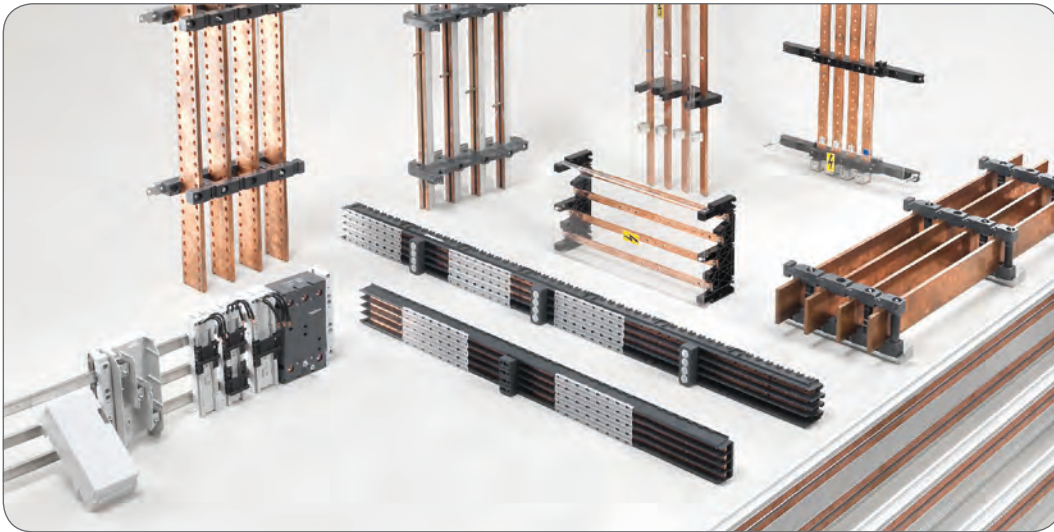
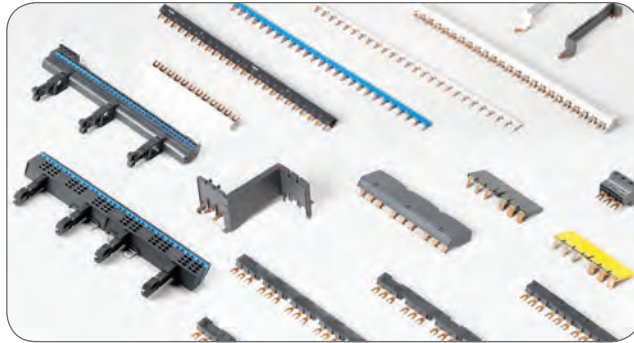
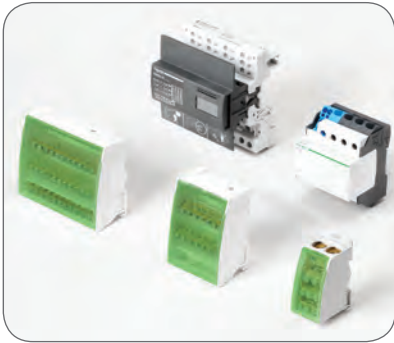








Lineryg

Distribution & Connection systems



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All Schneider Electric
distribution and connection
systems have now been
brought together into
a single brand name:

Linergy

Now, think Linergy!



Because Linergy is...



Flexible

- > **Linergy** is a complete range of more than 800 references, suitable for all type of applications (electrical distribution, process and control, datacenters, etc.).
- > **Linergy** can be easily adapted to technical demand, customer habits and preferences.
- > Thanks to their compactness, **Linergy** products can be easily installed into a minimum of space.
- > **Linergy** is easy to implement in the shortest possible time.
- > With **Linergy** you can make changes to your panel on the installation site, right up to the last minute.



Safer

- > **Linergy** IPxxB everywhere.
- > **Linergy** is a "Hot plug" solution, enabling connections without turning off the switchboard (energised connection).
- > **Linergy** simplifies wiring, thus directly contributing to enhancing panel reliability.

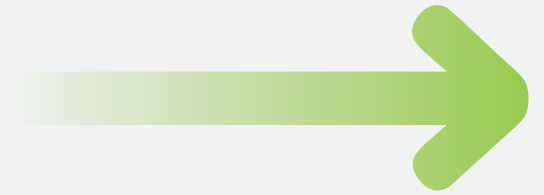


Reliable

- > **Linergy** is fully compliant with IEC standards, and some systems are also multi-standard.
- > All **Linergy** distribution and connection systems have been designed and tested to work together (synergies with Schneider Electric devices).
- > **Linergy**, brings you the benefit of an energy-efficient switchboard.

And much more... >

Lineryg



Inside Prisma and Spacial SFP, you benefit from IEC 61439 tested solutions

With Lineryg, you will be able to **connect your rows** regardless of the enclosure you have chosen.

Lineryg DS

Distribution Blocks



- > Compact solution
- > Cabling capacity of up to 60 connection points
- > Screw connection models

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Lineryg FM

Device Feeders

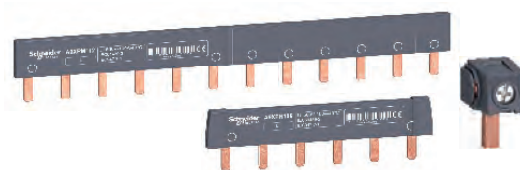


- > Quick distribution of up to 54 outgoers
- > Maximum flexibility to balance your phases
- > No creepage campaign thanks to clamp technology

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Lineryg FH

Device Feeders



- > Complete family of products to cover all needs
- > Easy to install
- > Compactness up to 100 A

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Lineryg TB

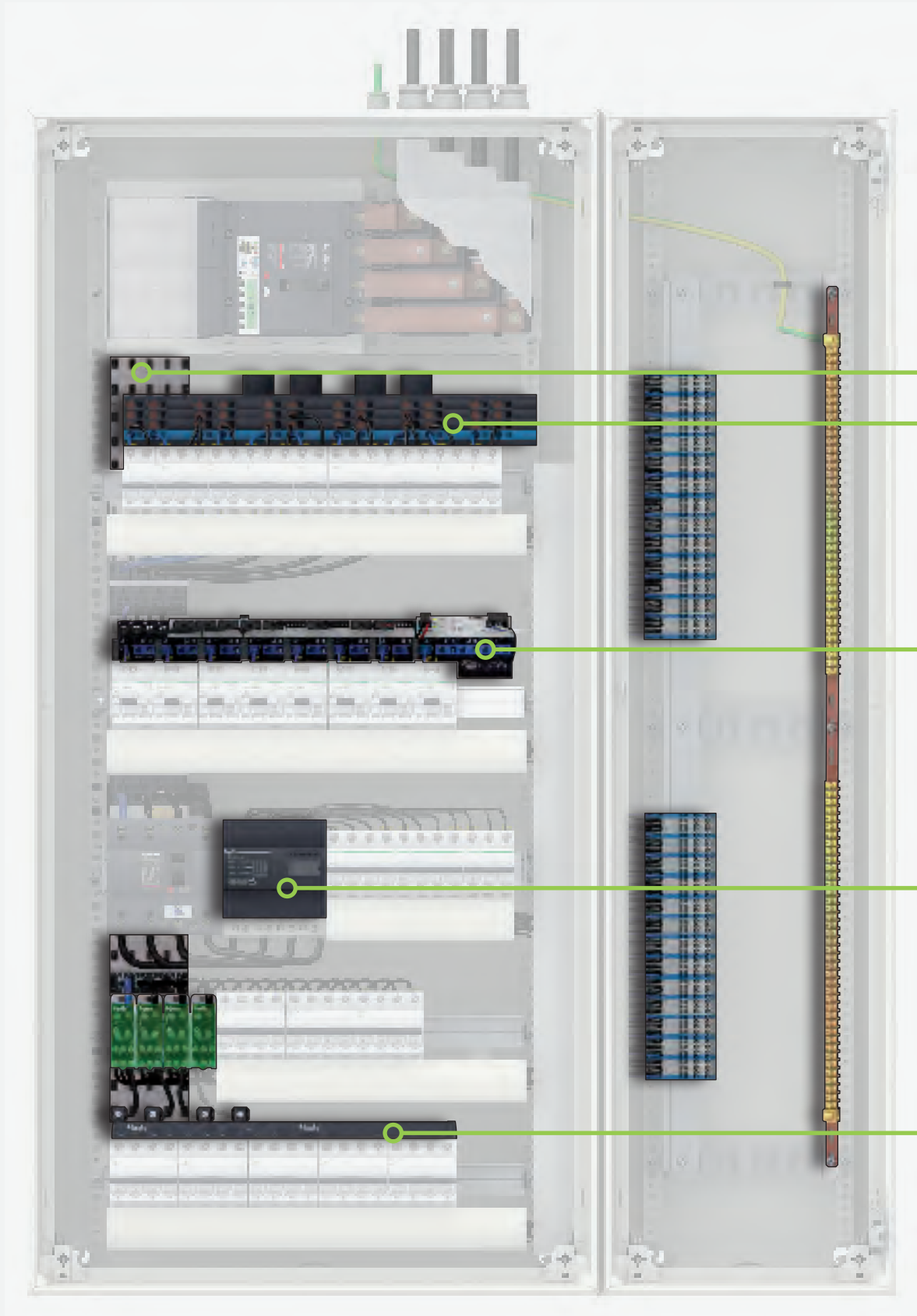
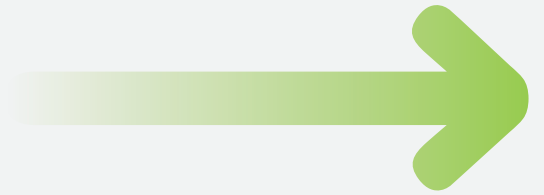
Terminal Blocks and Bars



- > Minimum space required
- > Quick connection models

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Linery



Inside Prisma and Spacial SFP, you benefit from IEC 61439 tested solutions

Lineryg offers you **smart power network** solutions for your switchboard.

Lineryg BW

Power Busbars

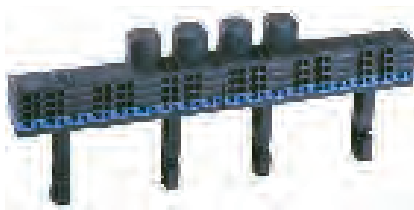


- > Solutions available up to 630 A
- > Solutions can be adapted to all switchboard architectures

👉 [page 54](#)

Lineryg FM

Device Feeders



- > Maximum flexibility to balance your phases
- > SmartLink support for communication

👉 [page 30](#)

Lineryg DX

Distribution Blocks

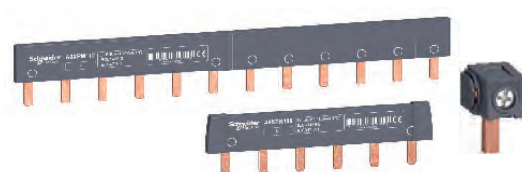


- > Quick connection models
- > Easy to wire
- > Compact solution
- > Cabling capacity of up to 52 connection points

👉 [page 24](#)

Lineryg FH

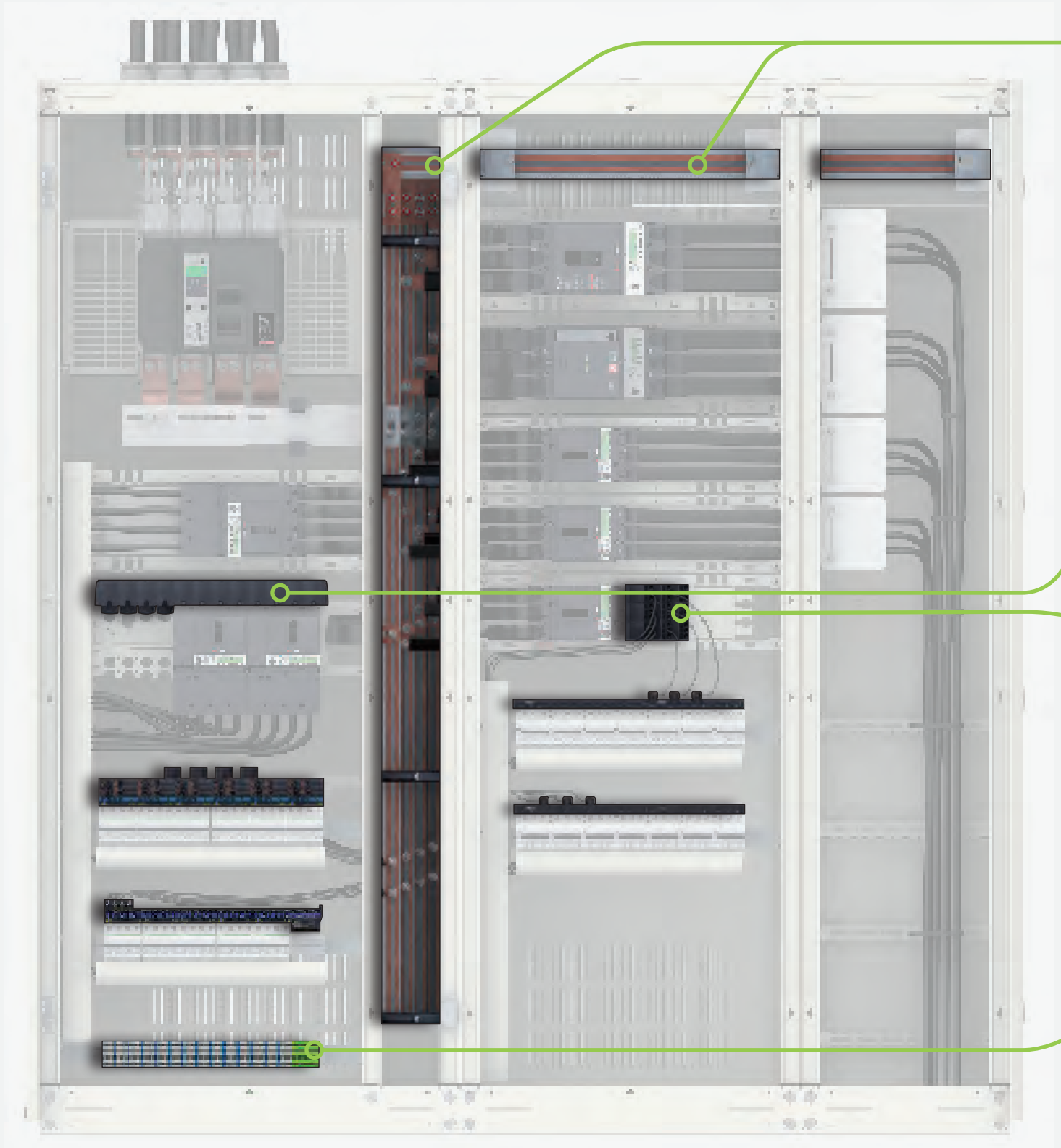
Device Feeders



- > All lengths available (up to 1 m)
- > Comb busbars compatible with auxiliaries

👉 [page 32](#)

Lineryg



Lineryg also offers the most **advanced busbar solutions** while remaining **simple**.

Lineryg LGY/LGYE

Power Busbars



- > Solutions available up to 4000 A
- > Connection everywhere without drilling (with LGY and LGYE profile)

👉 [page 62](#)

Lineryg FC

Device Feeders

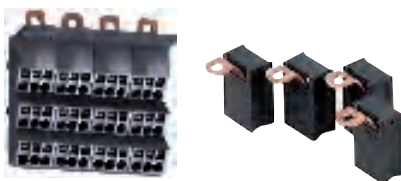


- > Compact (3 x 4P / 4 x 3P) solution
- > Reliable connection
- > Quick connection system dedicated to Compact NSX up to 250 A

👉 [page 40](#)

Lineryg DP

Distribution Blocks

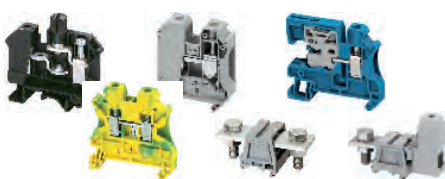


- > Compactness of up to 250 A
- > Simplicity of use
- > Quick connection system dedicated to Compact NSX

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Lineryg TR

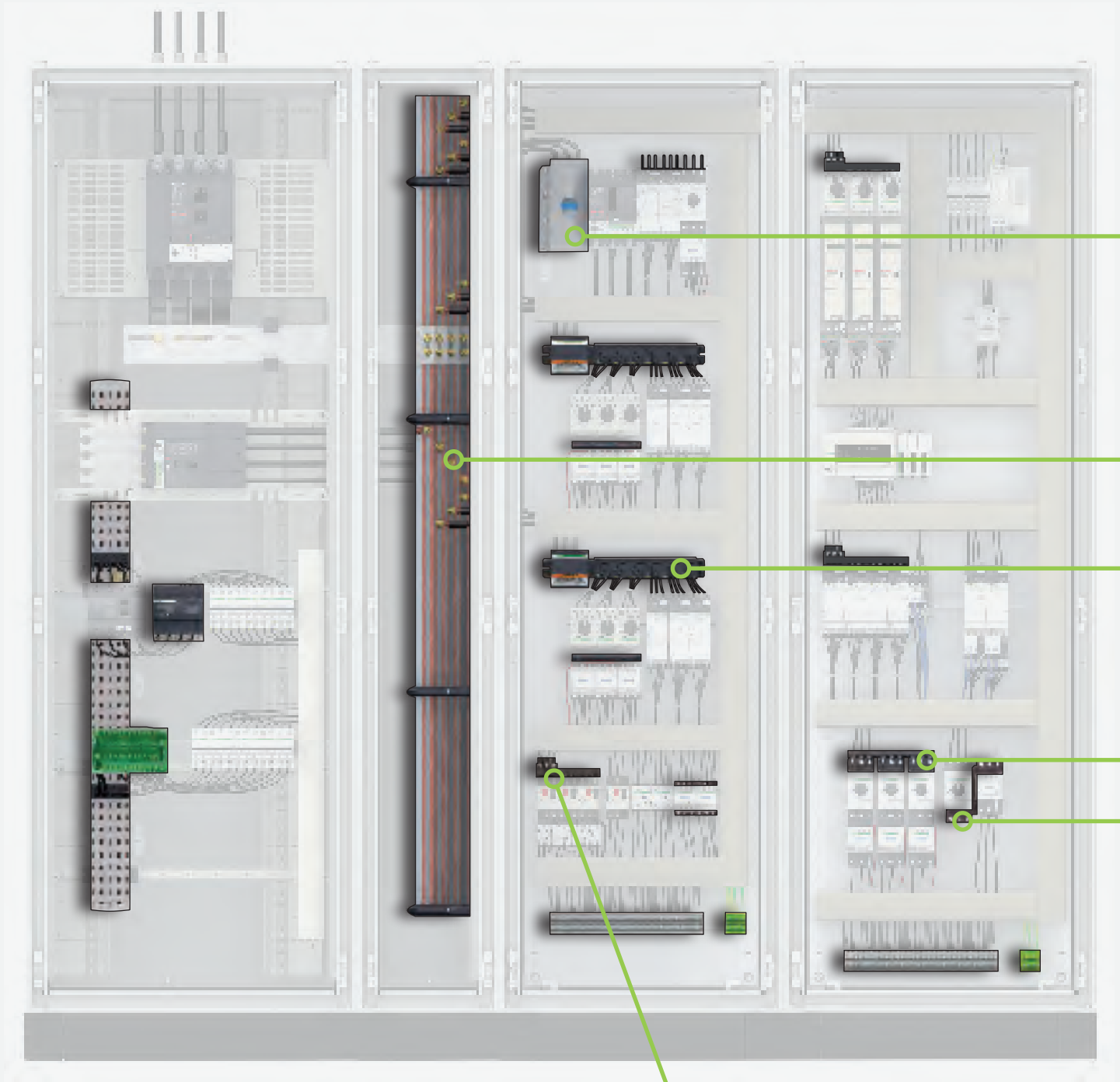
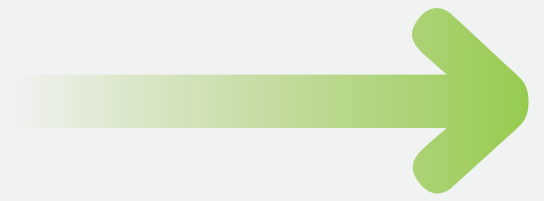
Terminal Blocks and Bars



- > Simplicity of use
- > Consistency and cross-functionality guaranteed
- > Few references for a maximum of applications

👉 [page 80](#)

Lineryg



Thanks to Linergy, you can now have the **scalable and flexible panel** that you deserve.

Linergy BZ

Power Busbars



- > Quick connection plates for Compact and TeSys offers
- > Multi-standard offering up to 630 A

👉 page 56

Linergy LGY / LGYE

Power Busbars



- > Solutions available up to 4000 A
- > Panel devices powered everywhere inside the panel

👉 page 62

Linergy HK

"Hot Plug" Distribution



- > Panel easily upgradeable
- > Reliable "hot plug" modification or upgrade
- > Multi-standard system of up to 160 A

👉 page 72

Linergy FT

Device Feeders



- > Optimised productivity and efficiency of your control panel
- > Easy to install
- > High reliability

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Ref.	Designation	Pages	Ref.	Designation	Pages
01000					
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01130	Linergy LGYE Busbar Screw Plate Kit	67	04146	Connections, 160A	55
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01202	Terminal covers for 200 A Linergy FM	31	04148	Busbar/Vigi modular device connection, 160A	55
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03000					
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04008	Linergy FM 4P Dist.Block 63A 12m 20holes	30	04156	Additional Blk 2x35 ² 4P/ Linergy DP 250A	26
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04013	Linergy FM 3P Dis.Block 200A 24m 42holes	31	04161	4 Threaded Bars 160A L1000/Linergy BS BB	50, 51
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NSYTRAL23	Plug-in Bridge 3Pts for 2,5mm ² terminal	84, 88, 91, 93, 100, 106, 114, 115, 116, 122, 124, 126, 128, 130			

Ref.	Designation	Pages
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NSYTRAL610BL	Plug-in Bridge 10pt for 6mm ² terminal blue	84, 106, 108
NSYTRAL610GR	Plug-in Bridge 10pt for 6mm ² terminal grey	84, 106, 108
NSYTRAL702	Conection Bridge 2 pole for NSYTRV702	86
NSYTRAL952	Conection Bridge 2 pole for NSYTRV952B	86
NSYTRAL1502	Conection Bridge 2 pole for NSYTR1502BB	87
NSYTRALF1610		95
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NSYTRALR62	Reduction Bridge 6->2,5/4mm ² spring term	107, 108
NSYTRALR102	Reduction Bridge 10->2,5/4mm ² spring term	108
NSYTRALR162	Reduction Bridge 16->2,5/4mm ² spring term	108
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NSYTRALV62	Reduction Bridge 6->2,5/4mm ² screw term	84
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NSYTRASF520M	Fuse Carrier, 5x20mm fuse, 110-250V LED	94, 117, 129
NSYTRASJ2	Switching Jumper, 2pts, for NSYTRV62TTD	96
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NSYTRAXP620	Marking card AB1, 6mm,60 character 11-20	132
NSYTRAXP630	Marking card AB1, 6mm,60 character 21-30	132
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NSYTRP22AR	Push-in terminal, 2pts, 2,5mm ² , orange	120, 122
NSYTRP22BL	Push-in terminal, 2pts, 2,5mm ² , blue	120, 122
NSYTRP22PE	Push-in terminal, Ground, 2pts, 2,5mm ²	120, 124
NSYTRP22SC	Push-inTerminal KnifeDisc 2pt 2,5mm ² grey	121, 128
NSYTRP22TB	Push-inTerminal BasicDisc 2pt 2,5mm ² grey	129
NSYTRP23	Push-in terminal, 3Pts, 2,5mm ² , grey	120, 122
NSYTRP23AR	Push-in terminal, 3Pts, 2,5mm ² , orange	120, 122
NSYTRP23BL	Push-in terminal, 3Pts, 2,5mm ² , blue	120, 122
NSYTRP23PE	Push-in terminal, Ground, 3Pts, 2,5mm ²	120, 124
NSYTRP23SC	Push-inTerminal KnifeDisc 3Pt 2,5mm ² grey	121, 128
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NSYTRP24BL	Push-in terminal, 4Pts, 2,5mm ² , blue	120, 123
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NSYTRP24DBL	Push-in terminal 2Level 4Pts 2,5mm ² blue	121, 126
NSYTRP24DPE	Push-in terminal 2Level Ground 4Pt 2,5mm	121, 126
NSYTRP24PE	Push-in terminal, Ground, 4Pts, 2,5mm ²	120, 126
NSYTRP24SC	Push-inTerminal KnifeDisc 4Pt 2,5mm ² grey	121, 128
NSYTRP42	Push-in terminal, 2pts, 4mm ² , grey	120, 123
NSYTRP42BL	Push-in terminal, 2pts, 4mm ² , blue	120, 123
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NSYTRP42TB	Push-in Terminal BasicDisc 2pt 4mm ² grey	121, 129
NSYTRP43	Push-in terminal, 3Pts, 4mm ² , grey	120, 123
NSYTRP43BL	Push-in terminal, 3Pts, 4mm ² , blue	120, 125
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NSYTRP44BL	Push-in terminal, 4Pts, 4mm ² , blue	120, 123
NSYTRP44PE	Push-in terminal, Ground, 4Pts, 4mm ²	120, 125
NSYTRR22	Spring terminal, 2pts, 2,5mm ² grey	102, 106
NSYTRR22AR	Spring terminal, 2pts, 2,5mm ² , orange	102, 106
NSYTRR22BL	Spring terminal, 2pts, 2,5mm ² blue	102, 106
NSYTRR22M	Spring terminal, Mini, 2pts, 2,5mm ² grey	105, 118
NSYTRR22MBL	Spring terminal, Mini, 2pts, 2,5mm ² blue	105, 118
NSYTRR22MF	SpringTerminal MiniFlat 2pts 2,5mm ² grey	105, 119
NSYTRR22MFB	SpringTerminal MiniFlat 2pts 2,5mm ² blue	105, 119
NSYTRR22MFF	SpringTerminal MiniFlange2pts 2,5mm ² grey	105, 119
NSYTRR22MP	SpringTerminal MiniPin, 2pts 2,5mm ² grey	105, 119
NSYTRR22MPBL	SpringTerminal MiniPin, 2pts 2,5mm ² blue	105, 119
NSYTRR22MPE	Spring terminal Mini Ground,2pts, 2,5mm ²	105, 118
NSYTRR22PE	Spring terminal, Ground, 2pts, 2,5mm ²	103, 110, 118
NSYTRR22SC	Spring terminal Knife Disc, 2pts 2,5mm ²	104, 116
NSYTRR22SCAR	Spring terminal Knife Disc 2pts 2,5mm ² orng	104, 116
NSYTRR22TB	Spring terminal Basic Disc, 2pts 4mm ² grey	104, 117
NSYTRR23	Spring terminal, 3pts, 2,5mm ² grey	102, 106
NSYTRR23AR	Spring terminal, 3pts, 2,5mm ² , orange	102, 106
NSYTRR23BL	Spring terminal, 3pts, 2,5mm ² blue	102, 106
NSYTRR23PE	Spring terminal, Ground, 3pts, 2,5mm ²	103, 110
NSYTRR23SC	Spring terminal, Knife Disc, 3pts 2,5mm ²	104, 116
NSYTRR23SCAR	Spring terminal Knife Disc, 3pts 2,5mm ² orng	104, 116
NSYTRR23TB	Spring terminal Basic Disc, 3pts 4mm ² grey	104, 117
NSYTRR24	Spring terminal, 4pts, 2,5mm ² grey	102, 106
NSYTRR24AR	Spring terminal, 4pts, 2,5mm ² , orange	102, 106
NSYTRR24BL	Spring terminal, 4pts, 2,5mm ² blue	102, 106
NSYTRR24D	Spring terminal 2 level,4pts, 2,5mm ² grey	104, 114
NSYTRR24DBL	Spring terminal 2 level,4pts, 2,5mm ² blue	104, 114
NSYTRR24DPE	Spring terminal 2 level, Ground, 2,5mm ²	104, 115
NSYTRR24M	Spring terminal, Mini, 4pts, 2,5mm ² grey	105, 118
NSYTRR24MBL	Spring terminal, Mini, 4pts, 2,5mm ² blue	105, 118
NSYTRR24MF	SpringTerminal MiniFlat 2pts 2,5mm ² grey	105, 119
NSYTRR24MFB	SpringTerminal MiniFlat 4pts 2,5mm ² blue	105, 119

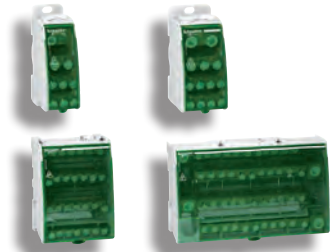
Ref.	Designation	Pages	Ref.	Designation	Pages
NSYTRR24MFF	SpringTerminal MiniFlange 4pts 2,5mm ² grey	105, 119	NSYTRV42ST	Screw terminal Knife Test, 2pts, 4mm ² grey	82, 94
NSYTRR24MP	SpringTerminal MiniPin, 4pts 2,5mm ² grey	119	NSYTRV42STAR	Screw terminal Knife Test, 2pts, 4mm ² orange	82, 94
NSYTRR24MPBL	SpringTerminal MiniPin, 4pts 2,5mm ² blue	119	NSYTRV42TB	Screw terminal Basic Disc, 2pts, 4mm ² grey	82, 94
NSYTRR24PE	Spring terminal, Ground, 4pts, 2,5mm ²	103, 110	NSYTRV42WH	Screw terminal, 2pts, 4mm ² white	80, 84
NSYTRR24SCD	Spring Terminal Knife Disc 4pts 2Level 2,5mm	104, 117	NSYTRV43	Screw terminal, 3Pts, 4mm ² grey	82, 90
NSYTRR26T	Spring terminal 3Level, 6pts, 2,5mm ² grey	104, 114	NSYTRV43BL	Screw terminal, 3Pts, 4mm ² blue	90
NSYTRR26TBL	Spring terminal 3Level, 6pts, 2,5mm ² , blue	104, 114	NSYTRV43PE	Screw terminal, Ground, 3Pts, 4mm ²	81, 82, 92
NSYTRR42	Spring terminal, 2pts, 4mm ² , grey	102, 107	NSYTRV44	Screw terminal, 4Pts, 4mm ² grey	82, 90
NSYTRR42AR	Spring terminal, 2pts, 4mm ² , orange	102, 107	NSYTRV44BL	Screw terminal, 4Pts, 4mm ² blue	90
NSYTRR42BL	Spring terminal, 2pts, 4mm ² , blue	102, 107	NSYTRV44D	Screw terminal, 2 level, 4Pts, 4mm ² grey	82, 91
NSYTRR42PE	Spring terminal, Ground, 2pts, 4mm ²	103, 111	NSYTRV44DBL	Screw terminal, 2 level, 4Pts, 4mm ² blue	90
NSYTRR43	Spring terminal, 3pts, 4mm ² , grey	102, 107	NSYTRV44DPE	Screw terminal, 2 level Ground, 4Pt, 4mm ²	82, 93
NSYTRR43BL	Spring terminal, 3pts, 4mm ² , blue	102, 107	NSYTRV44PE	Screw terminal, Ground, 4Pts, 4mm ²	81, 82, 92
NSYTRR43PE	Spring terminal, Ground, 3pts, 4mm ²	103, 111	NSYTRV62	Screw terminal, 2pts, 6mm ² grey	80, 84
NSYTRR44	Spring terminal, 4pts, 4mm ² , grey	102, 107	NSYTRV62BL	Screw terminal, 2pts, 6mm ² blue	80, 84
NSYTRR44BL	Spring terminal, 4pts, 4mm ² , blue	102, 107	NSYTRV62NE	Screw terminal, Neutral disc, 2pts, 6mm ²	83, 98
NSYTRR44D	Spring terminal 2 level, 4pts, 4mm ² grey	104, 114	NSYTRV62PE	Screw terminal, Ground, 2pts, 6mm ²	81, 88, 112
NSYTRR44DBL	Spring terminal 2 level, 4pts, 4mm ² blue	104, 114	NSYTRV62TT	Screw terminal, Measuring pasthrough, 6mm ²	96
NSYTRR44DPE	Spring terminal 2Level, Ground 4pts 4mm ²	104, 115	NSYTRV62TTD	Screw terminal, Measuring disconnect, 6mm ²	83, 96, 98
NSYTRR44PE	Spring terminal, Ground, 4pts, 4mm ²	103, 111	NSYTRV62TTPE	Screw terminal, Measuring Ground, 6mm ²	83, 99
NSYTRR62	Spring terminal, 2pts, 6mm ² , grey	102, 107	NSYTRV102	Screw terminal, 2pts, 10mm ² grey	80, 85
NSYTRR62BL	Spring terminal, 2pts, 6mm ² , blue	102, 107	NSYTRV102BL	Screw terminal, 2pts, 10mm ² blue	80, 85
NSYTRR62PE	Spring terminal, Ground, 2pts, 6mm ²	103, 112	NSYTRV102PE	Screw terminal, Ground, 2pts, 10mm ²	81, 89
NSYTRR63	Spring terminal, 3pts, 6mm ² , grey	102, 108	NSYTRV162	Screw terminal, 2pts, 16mm ² grey	80, 85
NSYTRR102	Spring terminal, 2pts, 10mm ² , grey	102, 108	NSYTRV162BL	Screw terminal, 2pts, 16mm ² blue	80, 85
NSYTRR102BL	Spring terminal, 2pts, 10mm ² , blue	102, 108	NSYTRV162PE	Screw terminal, Ground, 2pts, 16mm ²	81, 89
NSYTRR102PE	Spring terminal, Ground, 2pts, 10mm ²	103, 112	NSYTRV162SF	Screw terminal, Fuse 5x20, 2pts, 10mm ²	83, 95
NSYTRR162	Spring terminal, 2pts, 16mm ² , grey	102, 108	NSYTRV352	Screw terminal, 2pts, 35mm ² grey	80, 85
NSYTRR162BL	Spring terminal, 2pts, 16mm ² , blue	102, 108	NSYTRV352BL	Screw terminal, 2pts, 35mm ² blue	80, 85
NSYTRR162PE	Spring terminal, Ground, 2pts, 16mm ²	103, 112	NSYTRV352PE	Screw terminal, Ground, 2pts, 35mm ²	81, 89
NSYTRV22	Screw terminal, 2pts, 2,5mm ² grey	80, 84	NSYTRV502	Screw terminal, 2pts, 50mm ² grey	80, 85
NSYTRV22AR	Screw terminal, 2pts, 2,5mm ² orange	80, 84	NSYTRV502BL	Screw terminal, 2pts, 50mm ² blue	80, 85
NSYTRV22BL	Screw terminal, 2pts, 2,5mm ² blue	80, 84	NSYTRV502PE	Screw terminal, Ground, 2pts, 50mm ²	81, 89
NSYTRV22M	Screw terminal, Mini 2pts, 4mm ² , grey	83, 100	NSYTRV702	Screw terminal, 2pts, 70mm ² grey	80, 86
NSYTRV22MBL	Screw terminal, Mini 2pts, 2,5mm ² , blue	83, 100	NSYTRV952BB	Screw terminal, 2pts, lug-lug, 95mm ²	81, 86
NSYTRV22MPE	Screw terminal, Mini ground, 2pts 2,5mm ²	83, 101	NSYTRV952BC	Screw terminal, 2pts, lug-conector, 95mm ²	81, 87
NSYTRV22PE	Screw terminal, Ground, 2pts, 2,5mm ²	81, 88	NSYTRV1502BB	Screw terminal, 2pts, lug-lug, 150mm ²	81, 87
NSYTRV22RD	Screw terminal, 2pts, 2,5mm ² red	80, 84			
NSYTRV22WH	Screw terminal, 2pts, 2,5mm ² white	80, 84	R		
NSYTRV24D	Screw terminal, 2 level, 4Pts, 2,5mm ² grey	82, 91	R9XE110	Set of 10 End Caps 1P	38
NSYTRV24DBL	Screw terminal, 2 level, 4Pts, 2,5mm ² blue	90	R9XE210	Set of 10 End Caps 2P	38
NSYTRV24DPE	Screw terminal, 2 level, Ground, 2,5mm ²	82, 93	R9XE310	Set of 10 End Caps 3P	38
NSYTRV26T	Screw terminal, 3 level, 6pts, 2,5mm ² grey	82, 91	R9XE410	Set of 10 End Caps 4P	38
NSYTRV42	Screw terminal, 2pts, 4mm ² grey	80, 84	R9XFC04	Set of 4 Connector Fork 63A	38
NSYTRV42AR	Screw terminal, 2pts, 4mm ² orange	80, 84	R9XFH112	Comb Busbar 1P 12mod. 63A	38
NSYTRV42BK	Screw terminal, 2pts, 4mm ² black	80, 84	R9XFH118	Comb Busbar 1P 18mod. 63A	38
NSYTRV42BL	Screw terminal, 2pts, 4mm ² blue	80, 84	R9XFH157	Comb Busbar 1P 57mod. 63A	38
NSYTRV42GN	Screw terminal, 2pts, 4mm ² green	80, 84	R9XFH212	Comb Busbar 2P 12mod. 63A	38
NSYTRV42M	Screw terminal, Mini 2pts, 2,5mm ² , grey	83, 100	R9XFH218	Comb Busbar 2P 18mod. 63A	38
NSYTRV42MBL	Screw terminal, Mini 2pts, 2,5mm ² , blue	83, 101	R9XFH257	Comb Busbar 2P 57mod. 63A	38
NSYTRV42MPE	Screw terminal, Mini ground, 2pts 2,5mm ²	83, 101	R9XFH312	Comb Busbar 3P 12mod. 63A	38
NSYTRV42NE	Screw terminal, Neutral disc, 2pts, 4mm ²	83, 98	R9XFH318	Comb Busbar 3P 18mod. 63A	38
NSYTRV42PE	Screw terminal, Ground, 2pts, 4mm ²	81, 88	R9XFH357	Comb Busbar 3P 57mod. 63A	38
NSYTRV42RD	Screw terminal, 2pts, 4mm ² red	80, 84	R9XFH412	Comb Busbar 4P 12mod. 63A	38
NSYTRV42SC	Screw terminal Knife Disc, 2pts, 4mm ² grey	82, 94	R9XFH418	Comb Busbar 4P 18mod. 63A	38
NSYTRV42SCD	Screw terminal, Knife 2 level, 4Pts, 4mm ²	82, 94	R9XFH457	Comb Busbar 4P 57mod. 63A	38
NSYTRV42SF5	Screw terminal, Fuse 5x20, 2pts, 4mm ²	82, 95	R9XFH518	Comb Busbar Balanced 4P 18mod. 63A	38
NSYTRV42SF5LA	Screw terminal Fuse 5x20 110-250V LED, 4mm	95	R9XFH518G	Comb Busbar Hog Balanced 4P 18mod. 63A	38
NSYTRV42SF5LD	Screw terminal, Fuse 5x20 12-30V LED, 4mm ²	82, 95	R9XFH557	Comb Busbar Balanced 4P 57mod. 63A	38
NSYTRV42SF6	Screw terminal, Fuse 6x32, 2pts, 6mm ²	84, 95	R9XT20	Set of 20 Tooth Caps	38
NSYTRV42SF6LA	Screw terminal Fuse 6x32 110-250V LED, 10mm ²	95			
NSYTRV42SF6LD	Screw terminal, Fuse 6x32 12-30V LED, 10mm ²	82, 95			



Linergy DS

Screw connections

22



Ratings	100 to 160 A
N° of poles	1P and 4P
N° of output / length	from 10 to 60
Output Section	from 1.5 ² to 120 ²
Fixation/ installation	Clipped on modular rail or screwed on plain/ slotted backplate
Standards	"IEC 60947-7-1 and IEC 61439-1&2"

Linergy DX

Quick connections

24



Ratings	63, 125 and 160 A
N° of poles	1P and 4P
N° of output / length	from 6 to 52
Output Section	from 4 ² to 16 ²
Fixation/ installation	Clipped on modular rail or screwed on plain/ slotted backplate
Standards	"IEC 60947-7-1 and IEC 61439-1&2"

Linergy DP

Quick connections

26

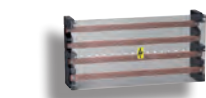


Ratings	250 A
N° of poles	3P and 4P
N° of output / length	27 & 36
Output Section	10 ² , 16 ² & 35 ²
Fixation/ installation	Clipped on Prisma backplate or clipped on modular rail, adjusted with spacer (04037)
Standards	"IEC 61439-1&2"

Linergy BS

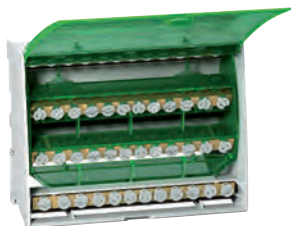
Multistage distribution block up to 630 A

50



Ratings	160 to 630 A
N° of poles	≥ 4P
N° of output / length	depends on the length of the bars
Output Section	16 ² to 50 ²
Fixation/ installation	horizontally or vertically on plain/slotted backplate, on Prisma G rear uprights
Standards	"IEC 61439-1&2"

PB11254-30_1.eps



PB11253-30_1.eps



IEC/EN 60947-7-1, IEC/EN 61439-1 & 2





Description

- Single-pole or four-pole distribution block that can be installed on a standard DIN rail or on a mounting plate.
- Compatible with Prisma G and P, Pragma, Mini Pragma and Resbo series switchboards.
- Incomers and feeders are connected to screw terminals that accept rigid or flexible cables with ferrule.
- Optional: additional neutral terminal strip for four-pole distribution block.

Advantages

- Simplified power supply for main incomers.
- Easy phase balancing.
- Easy, effortless cabling due to excellent accessibility.
- Visible cabling.
- Insulation between phases.
- The single-pole distribution blocks are adjacent and bridgeable via the second incoming hole for parallel connection.

Screw distribution blocks

Number of poles	1P			4P
				
Rated operational current	125 A	160 A	250 A	100 A
Total connections capacity	10	13	14	4 x 7
Terminal capacity				
Diameter	2 x Ø9.5 mm	2 x Ø12 mm	1 x Ø15.3 mm	2 x Ø7.5 mm
	2 x Ø7.5 mm	3 x Ø7.5 mm	1 x Ø10 mm	5 x Ø5.5 mm
	6 x Ø5.8 mm	8 x Ø5.8 mm	4 x Ø6 mm	-
	-	-	8 x Ø7.5 mm	-
Rated peak withstand current (I _{pk} /60 ms)	25 kÅ	36 kÅ	60 kÅ	14 kÅ
	I _{pk} /6 ms	-	-	24 kÅ
Rated short-time withstand current (I _{cw}) (IEC/EN 60947-7-1)	4.2 kA rms/1 s	8.4 kA rms/1 s	14.4 kA rms/1 s	3 kA rms/1 s
Width (number of 9 mm pitches)	3	4	5	8
Dimension (H x W x D)	85 x 27 x 50.5	85 x 36 x 50.5	85 x 45 x 50.5	100 x 71 x 50.5
Weight (g)	125	163	239	210
Neutral terminal strip (optional)	-	-	-	LGYN1007
References	LGY112510	LGY116013	LGY125014	LGY410028

Technical data

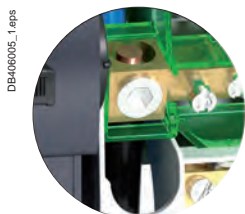
Common characteristics

To IEC/EN 60947-7-1 and IEC/EN 61439-1 & 2

Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (L/N) 440 V AC (L/L)
Rated impulse withstand voltage (Uimp)	8 kV
Rated conditional short-circuit current of an assembly	Up to the breaking capacity of Schneider Electric feeder circuit breakers, even in cascading configuration
Network frequency	50/60 Hz
Pollution degree	3
Overvoltage category	III

Additional technical characteristics

Reference temperature	40 °C
Operating temperature	-25 °C to 55 °C
Dielectric withstand (IEC/EN 60947-1)	2500 V AC



On LGY412560 and LGY416048 references.
Input cabling facilitated by side terminals.

			Neutral terminal strip			
125 A		160 A	100 A	125 A		
4 x 12	4 x 15	4 x 12	7	12		15
1 x Ø9 mm	1 x Ø9.5 mm	1 x Ø12 mm	2 x Ø7.5 mm	1 x Ø9 mm		1 x Ø9.5 mm
7 x Ø7.5 mm	3 x Ø8.5 mm	3 x Ø9 mm	5 x Ø5.5 mm	7 x Ø7.5 mm		3 x Ø8.5 mm
4 x Ø6.5 mm	11 x Ø6.5 mm	8 x Ø7.5 mm	-	4 x Ø6.5 mm		11 x Ø6.5 mm
-	-	-	-	-		-
18 kA	18 kA	22 kA	-	-		-
26 kA	28 kA	36 kA	-	-		-
4.2 kA rms/1 s	4.2 kA rms/1 s	8.4 kA rms/1 s	-	-		-
14	20	18	7	14		17
100 x 126 x 50.5	100 x 162 x 50.5	100 x 174 x 50.5	20 x 70 x 35	20 x 125 x 35		20 x 155 x 35
390	559	567	63	111		149
LGYN12512	LGYN12515	LGYN12512	-	-		-
LGY412548	LGY412560	LGY416048	LGYN1007	LGYN12512		LGYN12515

Terminal technical data

Type	PZ2 screw							
Diameter	Ø5.5 mm	Ø5.8 mm	Ø6 mm	Ø6.5 mm	Ø7.5 mm	Ø8.5 mm	Ø9 mm	Ø9.5 mm
Section rigid cable	1.5 to 16 mm ²	1.5 to 16 mm ²	1.5 to 16 mm ²	1.5 to 16 mm ²	2.5 to 25 mm ²	6 to 35 mm ²	10 to 35 mm ²	10 to 35 mm ²
Section flexible cable or with ferrule	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 10 mm ²	1.5 to 16 mm ²	4 to 25 mm ²	4 to 25 mm ²	6 to 35 mm ²
Tightening torque	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2 N.m	2.5 N.m	2.5 N.m
Type	Hc screw							
Diameter	Ø9.5 mm	Ø10 mm	Ø12 mm		Ø15.3 mm			
Section rigid cable	10 to 35 mm ²	1.5 to 50 mm ²	25 to 70 mm ²		35 to 120 mm ²			
Section flexible cable or with ferrule	6 to 35 mm ²	1.5 to 35 mm ²	16 to 50 mm ²		25 to 95 mm ²			
Tightening torque	8 N.m	4 N.m	1P: 9 N.m	4P: 5 N.m	14 N.m			

IEC 60947-7-1, IEC 61439-2



Description

- Downstream circuits are connected from the front, to spring terminals.
- Contact pressure automatically adapts to the size of the conductor.
- Contacts are insensitive to vibrations and thermal variations.
- Only one cable (flexible or rigid) can be inserted per terminal.

Quick distribution blocks




Number of poles		4P, incomers from top	4P, incomers from bottom
Rated operational current at 40 °C	(Ie)	63 A	63 A
Rated conditional short-circuit current of an assembly	(Isc)	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.	The reinforced breaking capacity due to cascading in circuit breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage	(Ui)	500 V AC	500 V AC
Rated operational voltage	(Ue)	440 V AC	440 V AC
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV
Rated short-time withstand current	(Icw)	-	-
Rated operational frequency		50/60 Hz	50/60 Hz
Degree of protection		IPxxB	IPxxB
Incoming terminals		1 tunnel terminal 25 ² /phase	1 tunnel terminal 25 ² /phase
Total connection capacity, outgoing terminals		24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral	24 connections: 4 x 6 ² /phase 12 x 6 ² /neutral
Dimensions (H x W x D)		96.5 x 72 x 62 8 x 9 mm pitch	96.5 x 72 x 62 8 x 9 mm pitch
Installation		Clipped onto a DIN rail	Clipped onto a DIN rail
Other			
Standard for installation inside Prisma		IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11		960 °C	960 °C
Degree of pollution		3	3
References		04040	04041

Accessories

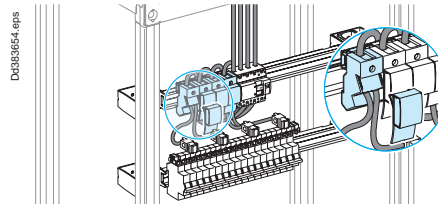
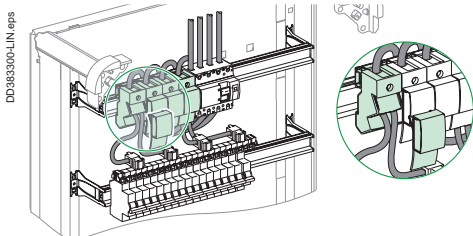
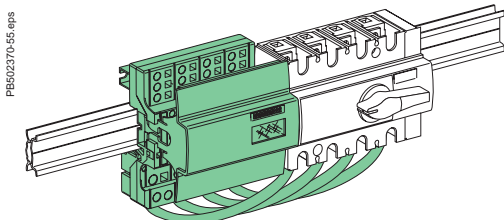
References	-	-
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Advantages

- A reliable electrical connection, no maintenance required (tightness guaranteed over time).
- Quick connection.
- Easy phase balancing.
- Ease of rewiring if the switchboard is expanded or modified.

4P		1P
		
125 A	160 A	160 A
20 kA/60 ms max according to IEC 61439-1	20 kA/60 ms max according to IEC 61439-1	32 kA
750 V AC	750 V AC	750 V AC
690 V AC	690 V AC	690 V AC
8 kV	8 kV	8 kV
4.5 kA rms/1 s	4.5 kA rms/1 s	
50/60 Hz	50/60 Hz	50/60 Hz
IPxxB	IPxxB	IPxxB
1 tunnel terminal 35 ² /phase	1 tunnel terminal 35 ² /phase	1 tunnel terminal 70 ² /phase
52 connections: 7 x 4 ² /phase 3 x 6 ² /phase 2 x 10 ² /phase 1 x 16 ² /phase (screw terminal)	52 connections: 7 x 4 ² /phase 3 x 6 ² /phase 2 x 10 ² /phase 1 x 16 ² /phase (screw terminal)	6 connections: 6 x 16 ² /phase
127 x 108 x 48 8 x 9 mm pitch	127 x 108 x 48 8 x 9 mm pitch	95 x 36 x 70 4 x 9 mm pitch
Screwed to plain or slotted backplate or onto DIN rail	Screwed to plain or slotted backplate or onto DIN rail	Onto DIN rail
Possible to combine 2 terminal blocks (2 nd terminal block supplied from enclosed terminals in the 1 st , I _{max} of 2 nd terminal block: 80 A)	Possible to combine 2 terminal blocks (2 nd terminal block supplied from enclosed terminals in the 1 st , I _{max} of 2 nd terminal block: 80 A)	
IEC 61439-2	IEC 61439-2	IEC 61439-2
960 °C	960 °C	960 °C
3	3	3
04045	04046	04031

125 A flexible connectors (4)		Copper spacer (batch of 4)
04047	-	04037



PB11465-30_r.eps







IEC 60947-7-1, IEC 61439-1 & 2



Description

■ The Lineryg DP Quick distribution block is designed for installation directly downstream of Compact NSX and INS up to 250 A. It can also be clipped onto a modular rail.

Advantages

- It is quick to mount in the horizontal position. Electrical connections are made directly to the device terminals.
- It is the same width as the devices and does not take up any additional space in the switchboard.
- The connection terminals are slanted to facilitate cable entry and avoid exceeding the bending radius of the flexible and rigid cables.

Quick distribution blocks for compact devices			Additional block	
Number of poles	3P	4P	3P	4P
				
Rated operational current (Ie)	250 A	250 A	250 A	250 A
Rated peak withstand current (Ipk)	30 kA	30 kA		
Total connection capacity, outgoing terminals	27 connections: 6 x 10 ² /phase 3 x 16 ² /phase	36 connections: 6 x 10 ² /phase 3 x 16 ² /phase	2 connections: 2 x 35 ² per pole	2 connections: 2 x 35 ² per pole
Incomer terminals	1 cable lug 120 mm ² per pole			
Dimensions (H x W x D)	105 x 138 x 63	140 x 138 x 64		
Installation	On mounting plate or DIN rail		On mounting plate	
Product certifications	ASEFA - KEMA			
Standard for installation inside Prisma	IEC 61439-1-2			
Glow-wire 60695-2-11	960 °C			
References	04033	04034	04155	04156

Accessories		
		
Description	2 x 35 ² 3P for Lineryg DP 250 A	2 x 35 ² 4P for Lineryg DP 250 A
References	04155	04156

Technical data

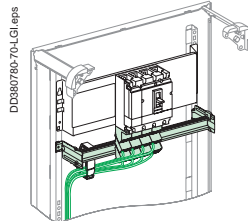
Common characteristics

Rated conditional short-circuit current of an assembly (Isc)		The reinforced breaking capacity due to cascading in circuit-breaker combinations is maintained. The worst-case situations have been tested.
Rated insulation voltage (Ui)		750 V AC
Rated operational voltage (Ue)		690 V AC
Rated impulse withstand voltage (Uimp)		8 kV
Network frequency		50/60 Hz
Degree of protection		IPxxB
Degree of pollution		3
Overvoltage category		III

Additional technical characteristics

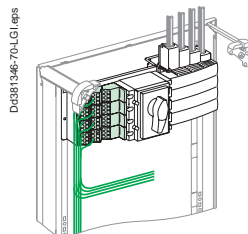
Reference temperature		40 °C
Operating temperature		-25 °C to 55 °C

Installation



Dd380780-70-LGI.eps

It can also be mounted downstream of vertically mounted Compact **NSX100/250** and Compact **INS250** devices in the enclosures. In this case, the Linergy DP is mounted on a depth-adjustable modular rail.



Dd381346-70-LGI.eps

Directly on the mounting plates of horizontally mounted Compact **NSX100/250** and Compact **INS250** devices in the enclosures.



Linergy FM

Quick connections

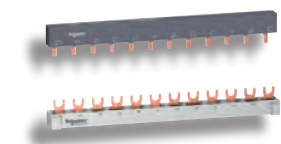


Ratings	63 to 200 A
N° of poles	2P to 3P + N
N° of output / length	from 20 to 54
Output Section	from 4 ² to 10 ²
Fixation/ installation	Clipped at the rear of modular rail, screwed onto modular rail, on plain or slotted backplate
Standards	"IEC 60947-7-1, IEC 61439-1&2"

30

Linergy FH

Horizontal comb busbars

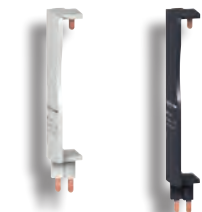


Ratings	63 to 100 A
N° of poles	1P to 4P
N° of output / length	from 6 modules to 57 modules (1 mod. = 18 mm)
Output Section	-
Fixation/ installation	On modular devices (Acti9, Resi9, Domae, Clario...)
Standards	"IEC 60664-1, UL1077, UL489"

32

Linergy FV

Vertical comb busbars

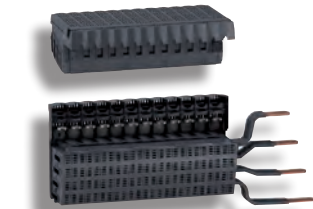


Ratings	80 A
N° of poles	2P
N° of output / length	between 2 rows of 125 or 150 mm
Output Section	-
Fixation/ installation	vertically, on modular devices (Acti9, Resi9, Domae, Clario...)
Standards	"IEC 60664-1"

39

Linergy FC

Screw connections



Ratings	80 A
N° of poles	2P
N° of output / length	between 2 rows of 125 or 150mm
Output Section	-
Fixation/ installation	vertically, on modular devices (Acti9, Resi9, Domae, Clario...)
Standards	"IEC 60664-1"

40

Linergy FT

TeSys comb busbars



Ratings	63 to 115 A
N° of poles	3P
N° of output / length	from 2 to 5, 3P outputs
Output Section	-
Fixation/ installation	on TeSys devices
Standards	"IEC 60947-1, UL508"

42

IEC 60947-7-1, IEC 61439-2



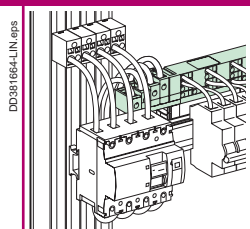
Description

- Distribution over full rows of modular devices.
- The distribution block is generally supplied by busbars in enclosures and cubicles.
- Easy phase balancing.
- Mix of devices and functions in the same row.
- Installation ≥ 160 A: clipped onto the back of a modular rail or screwed onto a solid or pre-slotted plate.

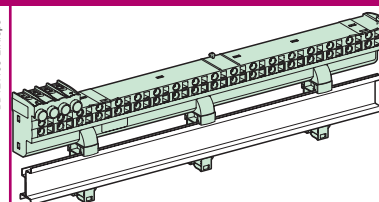
Distribution blocks

Number of poles		4P	4P	
		63 A	80 A	
Rated peak withstand current	(Ipk)	15 kA	15 kA	
Rated conditional short-circuit current of an assembly	(Isc)	The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested. The characteristics are exactly right for the connected devices. Circuit breakers and switches still have their temperature derating curves, and their whole performance is maintained.		
Rated insulation voltage	(Ui)	500 V AC	500 V AC	
Rated operational voltage	(Ue)	440 V AC	440 V AC	
Rated impulse withstand voltage	(Uimp)	6 kV	6 kV	
Maximum current	(Imax)	-	-	
Rated operational frequency		50/60 Hz		
Degree of protection		IPxxB	IP20	
Length	In 9 mm modules	24	48	
	In 18 mm modules	12	24	
Upstream connection capacity		Tunnel terminals for cables up to 25 mm ²	Tunnel terminals for cables up to 25 mm ²	
Downstream connection capacity, cable to be used without ferrules	Max. 4 mm ²	Phase	2	-
		Neutral	4	-
	Max. 6 mm ²	Phase	2	-
Neutral		4	-	-
Max. 10 mm ²	Phasesw	-	18	18
	Neutral	-	-	18
Accessories included	Pre-stripped copper connections	10 of 4 mm ² + 6 of 6 mm ² (L = 100 mm)	12 blue + 12 black	
	Protective cover			
	Screws and nuts			
References		04008	04000	

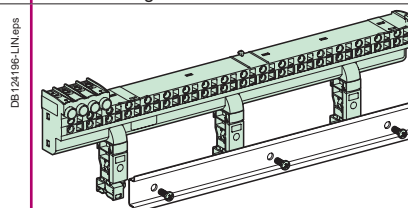
Installation



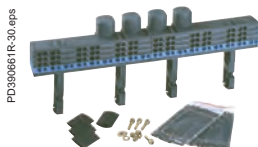
Clipped onto the back of a modular rail, or screw fixing



Clipped onto the back of a modular rail, or screw fixing



Can be mounted in Pragma Evolution enclosures and in Prisma Pack 160



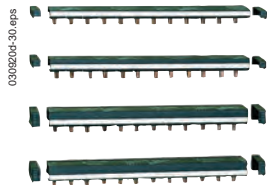
4P	2P	3P	4P	4P
160 A 27 kÅ	200 A 25 kÅ	200 A 25 kÅ	200 A 30 kÅ	200 A 27 kÅ
The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested.				
750 V AC	750 V AC	750 V AC	750 V AC	750 V AC
690 V AC	690 V AC	690 V AC	690 V AC	690 V AC
8 kV	8 kV	8 kV	8 kV	8 kV
50 A for feeder for 10 mm ² cable/63 A for feeder for 2 cables of 10 mm ²				
50/60 Hz				
IPxxB				
24	48			72
12	24			36
Direct on directing pads by 50 mm ² cables or by 20 x 3 flexible bar with a prefabricated connection from busbar				
-	-			
-	-			
6	12			
6	18			
20 of 4 mm ² + 6 of 6 mm ² (L = 100 mm)				
For pads (IPxxB)				
For pads				
04018	04012	04013	04014	04026

Connections to the distribution block

	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 200 A connection (supplied with fixing accessories)	4P 160 A connection for Linergy FM 1/2 row
Allows power supply from	Linergy BW busbar	Linergy BS busbar	Linergy BS rear busbar	Switchgear
References	04021	04024	04029	04030

Spare parts

Reference	4 covers for 160/200 A Linergy FM rows 01202



IEC 60664-1

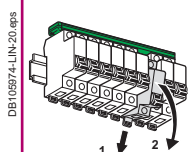
Description

Comb busbars make it easier to install Schneider Electric products.

- Supplied with 2 side plates, IP2.
- Outgoing feeders can be marked.
- Cutting markings on the copper bars and the insulating material.

C120, NG125		27 mm poles, cuttable			
Number of poles		1P	2P	3P	4P
		Supplied with 2 side plates, IP2 and 4 tooth cover end-pieces Outgoing feeders can be marked Cutting markings on the copper bars and the insulating material Unused teeth can be insulated with tooth covers			
Rated operational current at 40 °C	(Ie)	125 A			
Rated conditional short-circuit current of an assembly	(Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers			
Rated insulation voltage	(Ui)	620 V AC			
Rated operational voltage	(Ue)	500 V AC			
Pollution degree		3			
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s			
Colour		RAL 7016 (anthracite grey)			
Use					
		Power supply by connector recommended			
Number of 27 mm modules		16	16	15	16
Set of		1			
Cat. no.		14811	14812	14813	14814

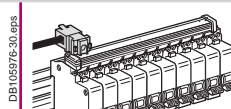
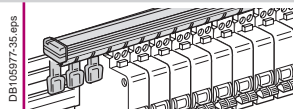
Installation



Comb busbars allow dismantability (1-2)

Accessories

Number of poles		1P, 2P, 3P, 4P	
		Tooth covers	Insulated connector
			Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
Use			
			For 25 mm ² semi-rigid cable
Set of		20	4
Cat. no.		14818	14885



PB002279-30.eps




IEC 60947-7-1, IEC 61439-2

Description

Comb busbars make it easier to install Schneider Electric products.

- Can be sawn and cut in a single pass.
- Supplied with two IP20 lateral end-pieces except for 57 module references.
- The end-pieces are compulsory after cutting.
- The phases are identified by symbols on each side of the comb busbar for installation in all positions.
- Cutting marks on the insulating material.
- The special comb busbars for circuit breakers with 9 mm auxiliaries have a 9 mm gap for inserting iOF and iSD.

Acti 9 / Multi 9		18 mm poles, cuttable										
Number of poles		1P	2P	3P	4P	3 (N+P)	Aux+1P	Aux+2P	Aux+3P	Aux+4P	3 (Aux+1P)	3 (Aux+N+1P)
												
Rated operational current at 40 °C (Ie)		100 A										
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers										
Rated insulation voltage (Ui)		500 V AC										
Rated operational voltage (Ue)		415 V AC										
Pollution degree		3										
Fire resistance to IEC 695-2-1		Self-ex inguishing 960 °C 30 s										
Colour		RAL 7016 (anthracite grey)										
Use												
		Power supply by connector recommended										
Type		L1...	L1L2...	L1L2L3...	NL1L2L3...	NL1NL2... ...NL3	AuxL1...	AuxL1L2...	AuxL1L2L3	AuxNL1... ...L2L3	AuxL1... ...AuxL2... ...AuxL3	AuxL1... ...AuxL2... ...AuxL3
Set of		1	1	1	1	1	1	1	1	1	1	1
Cat. no.												
6 modules of 18 mm		A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm		A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512 ⁽¹⁾	-	-	-	-	-	-
18 modules of 18 mm		-	-	-	-	A9XPH518 ⁽¹⁾	-	-	-	-	-	-
24 modules of 18 mm		A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524 ⁽¹⁾	-	-	-	-	-	-
57 modules of 18 mm		A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557 ⁽¹⁾	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557 ⁽¹⁾

⁽¹⁾ This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation






PB110290-20.eps



PB110799-20.eps



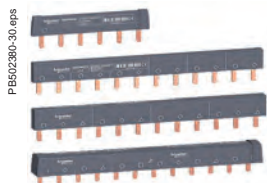
Accessories

Number of poles	1P	2P	3P	4P	-	-	-	
								
	End-pieces				Tooth covers		Connectors	
	Lateral end-pieces providing IP20 protection				Insulate teeth that have been left free		Monoconnect Comb busbar power supply. Horizontal in-come on each side. For 35 mm ² cable. Tightening torque 4 N.m 	
Set of	10	10	10	10	20	4	4	
Cat. no.	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04	

IEC 60947-7-1, IEC 61439-2

Description

Comb busbars make it easier to install Schneider Electric products. The phases are identified by symbols on each side of the comb busbar. Dismountability of devices with Acti 9.



Acti 9 / Multi 9	18 mm poles, not cuttable				
Number of poles	1P	2P	3P	4P	3 (N+P)
Rated operational current at 40 °C (Ie)	100 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Rated insulation voltage (Ui)	500 V AC				
Rated operational voltage (Ue)	415 V AC				
Pollution degree	3				
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s				
Colour	RAL 7016 (anthracite grey)				
Use					
Type	Power supply by connector recommended				
Set of	L1	L1L2	L1L2L3	NL1L2L3	NL1NL2NL3
Cat. no.					
12 modules of 18 mm	A9XPM112	A9XPM212	A9XPM312	A9XPM412	A9XPM512 ⁽¹⁾

PB110231-15.eps



⁽¹⁾ This comb busbar is only compatible in top feeding for simple lug devices and bottom feeding on double lug devices.

Installation




PB110290-25.eps



PB110793-25.eps



Accessories

PB110257-10.eps		PB110258-7.eps		PB110259-7.eps	
Tooth covers	Connectors	Monoconnect		Double terminals	
Insulate teeth that have been left free	Comb busbar power supply				
Use					
Set of	20	4		4	
Cat. no.	A9XPT920	A9XPCM04		A9XPCD04	
Installation					

PB108162-35.eps



PB108164-35.eps



IEC 60439-1

Description

Comb busbars ensure:

- easy, reliable mounting of 1P + N and 3P + N, TL, CT, ID, V, BP and Cm switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.



C60/ID Group Feeder comb busbars contain two different parts:

- connection of Group Feeder switchgear: C60 (3P + N) or ID (3P + N) circuit breaker in 18 mm modules, powered by cables, through the bottom, directly by the terminals


- connection of Clario, Prodis and Libro switchgear in 9 mm modules.

PB502382-70.eps



Acti 9 L + N		9 mm poles, cuttable					
Number of poles		1P + N			3P + N		
		 DB123729.eps 21501			 DB123730.eps 21505		
		Complete comb busbars (supplied with 4 side plates and 1 tooth cover)					
Rated operational current at 40 °C (Ie)		80 A					
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers					
Rated insulation voltage (Ui)		440 V AC					
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)					
Rated impulse withstand voltage (Uimp)		6 kV					
Degree of protection		IP20					
Pollution degree		3					
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s					
Colour		RAL 7035					
Number of 18 mm modules	Comb busbar	12	18	24	12	18	24
	Tooth covers	3	3	6	3	3	6
Cat. no.		21501	19512	21503	21505	19516	21507
Comb busbars alone							
Number of 18 mm modules	Comb busbar	48			48		
Cat. no.		21089			21093		

C60/ID Group Feeder comb busbars alone

Number of poles		3P + N		
		 PB502506-60.eps		
Rated operational current at 40 °C (Ie)		80 A		
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers		
Rated insulation voltage (Ui)		440 V AC		
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)		
Rated impulse withstand voltage (Uimp)		6 kV		
Degree of protection		IP20		
Pollution degree		3		
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s		
Colour		RAL 7035		
Number of 18-mm modules		12	48	48
Power supply		Through left-hand	Through left-hand	Through right-hand
Cat. no.		10545	10546	10547

Accessories

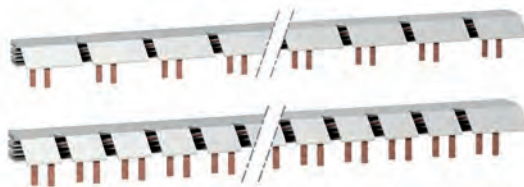
Number of poles	1P + N	3P + N			
	 DB123732.eps	 DB123733.eps	 PB502376-40.eps	 DB123731.eps	
	End-pieces	Tooth covers (3 x 18-mm modules)	End-pieces (4 phases)	Connectors (grey)	
Set of	40	12	10	4	
Cat. no.	21094	21095	21096	21098	


IEC 60439-1

Description

- Connection of Clario, Prodis and Librio switchgear in 9 mm modules.
- The special comb busbars for circuit breaker have a gap of 9 mm for inserting OF, SD, OF-SD/OF auxiliaries.
- The comb busbars for 3P + N circuit breakers and auxiliaries are compatible with Prisma switchboard.
- 1P + N comb busbars with Prisma and Pragma 24.

PE502935-10.eps



Acti 9		9 mm poles, cuttable			
Number of poles		1P + N	3P + N	1P + N	3P + N
					
		A9N21036			
		Comb busbars		Comb busbars DPN Vigi	
Rated operational current at 40 °C (Ie)		63 A			
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers			
Rated insulation voltage (Ui)		500 V AC			
Rated operational voltage (Ue)		230 V AC (P + N) - 400 V AC (3P + N)			
Degree of protection		IP20			
Pollution degree		3			
Fire resistance to IEC 695-2-1		Self-extinguishing 960 °C 30 s			
Colour		RAL 7035			
Number of 18-mm modules		56	56	56	56
Cat. no.		A9N21035	A9N21036	A9N21037	A9N21038

PE110901-10.eps

Accessories

Number of poles	1P + N	3P + N			
					
	End-pieces	Connectors (grey)	Neutral connectors (blue)	Tooth cover (1 x 18-mm module)	
Set of	20	10	10	10	
Cat. no.	A9N21039	A9N21040	A9N21041	A9N21042	A9N21050

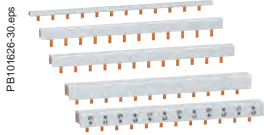
PE110904-10.eps

PE110905-10.eps

PE110906-10.eps

PE110907-10.eps

IEC 60439-1, IEC60664



Description

Comb busbars:

- Ensure easy reliable mounting of switchgear: tooth positioning opposite the device terminals is ensured by indexing of copper parts.
- Can be sawn and cut.
- Are supplied with two IP20 lateral end-pieces (the end-pieces are compulsory).
- Unused teeth can be insulated with tooth covers.

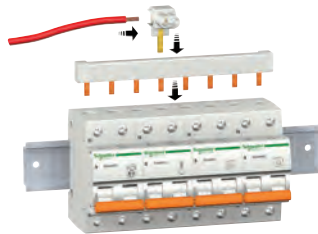
Domae		18 mm poles, cuttable								
Number of poles		1P	2P	3P	4P	5P	6P	7P	8P	3P (N + P)
Rated operational current at 40 °C (Ie)		63 A								
Rated conditional short-circuit current of an assembly (Isc)		Compatible with the breaking capacity of Schneider Electric circuit breakers								
Rated insulation voltage (Ui)		500 V								
Rated operational voltage (Ue)	L/N	230 V AC								
	L/L	400 V AC								
Pollution degree		3								
Fire resistance to IEC 695-2-1		Self-extinguishing 850 °C 30 s								
Colour		RAL 7035								
Power supply		By 16 mm ² semi-rigid or 10 mm ² flexible cable With connector								
Number of 18 mm modules		12	57	12	57	12	57	12	57	57
Cat. no.		10387	10388	10389	10390	10391	10392	10393	10394	10395

PB502372.eps



Installation

PB101630_SEE-45.eps



Accessories

Type	Connectors (4 x 35 mm ²)	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
Cat. no.	10397	10398	10399	10405	10396

PB502373.eps



PB101632-10.eps



PB502376-40.eps

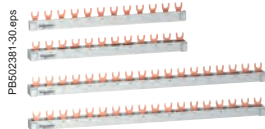


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Lineryg FH





Horizontal biconnect comb busbar for 18 mm pitch



IEC 60664-1

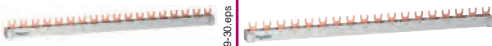
Description

Distribution and sub-distribution of the electric power supply.
Fast assembly and disassembly of connected devices.

Horizontal biconnect comb busbar	18 mm poles, cuttable											
Number of poles	1P			2P			3P			4P		
												
Rated operational current at 40 °C (Ie)	63 A											
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers											
Rated insulation voltage (Ui)	500 V AC											
Rated operational voltage (Ue) L/N	230 V AC											
L/L	400 V AC											
Pollution degree	3											
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s											
Colour	RAL 7035 (grey)											
Use	Power supply: into box lug (25 mm ² rigid or 16 mm ² flexible) or by connector (35 mm ² rigid or 25 mm ² flexible with ferrule)											
Type	L1			L1L2			L1L2L3			L1L2L3L4		
Number 18-mm modules	12	18	57	12	18	57	12	18	57	12	18	57
Set of	1	1	1	1	1	1	1	1	1	1	1	1
Cat. no.	R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457

Installation






Horizontal biconnect comb busbar	18 mm poles, cuttable		
Number of poles	4P		
			
Rated operational current at 40 °C (Ie)	63 A		
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers		
Rated insulation voltage (Ui)	500 V AC		
Rated operational voltage (Ue) L/N	230 V AC		
L/L	400 V AC		
Pollution degree	3		
Fire resistance to IEC 695-2-1	Self-extinguishing 960 °C 30 s		
Colour	RAL 7035 (grey)		
Use	NL1L2L3L4 - NL1NL2NL3		
Type	NL1L2L3L4 - NL1NL2NL3		NL1NL2NL3
Number 18 mm, modules	18		57
Set of	1		1
Cat. no.	R9XFH518G		R9XFH518
			R9XFH557

Installation



Accessories

Number of poles	1P	2P	3P	4P		
						
	End-pieces				Tooth covers	
Set of	10				20	
Cat. no.	R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04

PB502304-35.eps



IEC 60664-1

Description

Provide a 2P supply to the main incomers from one row to the next:

- centre line between rows: 125 mm or 150 mm
- distances between terminals: 9 mm or 18 mm pitch.

Vertical comb busbars

PB106071-10.eps



DB124263-10.eps



PB106072-10.eps



PB106073-40.eps



PB106074-40.eps

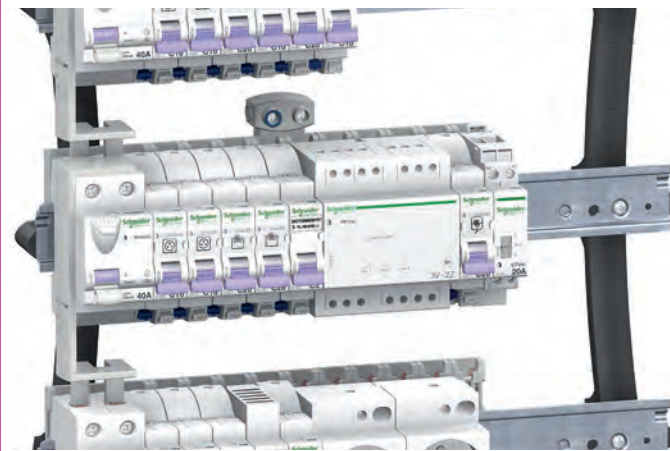


Direct power supply to circuit breaker or residual current circuit breaker terminals

Rated operational current at 40 °C (Ie)	80 A				
Rated conditional short-circuit current of an assembly (Isc)	Compatible with the breaking capacity of Schneider Electric circuit breakers				
Rated insulation voltage (Ui)	500 V AC				
Rated operational voltage (Ue)	415 V AC				
Pollution degree	3				
Fire resistance to IEC 695-2-1	Self-extinguishing 850 °C 30 s				
Distance between upstream terminals	9 mm	18 mm	18 mm	9 mm	18 mm
Distance between downstream terminals	9 mm	9 mm	18 mm	9 mm	18 mm
Centre line between rows	125 mm			150 mm	
Colour	RAL 7035 (light grey)			RAL 7016 (anthracite grey)	
Cat. no.	14900	14909	14910	14901	14911

Installation

PB502377-90.eps



IEC 61439-1 & 2

Description

Linergy FC is an insulated horizontal distribution block, directly connected to the mounting plate.



- The design and small size blend perfectly with the devices.
- It can be supplied by flat or Linergy busbars positioned to the left or right.
- Fully insulated, Linergy FC contributes to the safety of people and property.
- Numerous well distributed vents ensure natural convection and optimum cooling of the conductors.
- The circuit breakers can be easily connected from the front. It is simple to replace a device or to add a device in a reserve slot.
- There are markings (N, L1, L2, L3) on the front and the sides for the phases.
- The running of auxiliary cables between the devices and the corresponding terminal blocks is also taken into account. Spacious trunking is built into the blocks for the auxiliary wiring.
- It can supply three Compact 4P, or four Compact 3P, whatever the rating (from 100 to 250 A) and the operating systems (toggle, rotary handle, motor mechanism), whether fixed or plug-in, front or rear connection.

PB502507-48_reps



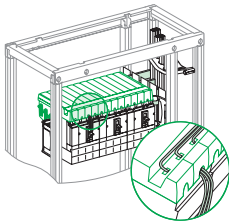
PB502503-48_reps



	Fixed Compact NSX100/250 with toggle and Compact INS250		Fixed/withdrawable Compact NSX, all operating systems ^{(1) (2)}			
Number of poles	4P	3P	4P	3P	4P	3P
						
Connection to	Linergy FC with pre-wired connectors Linergy LGY busbars		Linergy FC with pre-wired connectors Flat Linergy BS or Linergy LGY busbars		Linergy FC without connectors ⁽³⁾ Linergy BS or Linergy LGY, LGYE busbars	
Number of devices	4	3	4	3	4	3
Composition	Self-adhesive labels to mark the phases for connections to the busbars					
Cat. no.	04403	04404	04405	04406	04407	04408

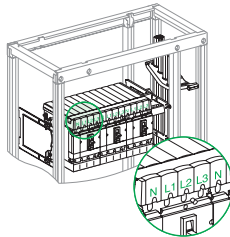
Installation

DD381251-L, NS30,eps



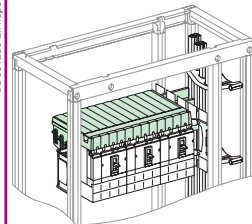
Auxiliary wires running in the built-in trunking.

DD381252-L, NS30,eps



Phase marking on the front of the distribution block.

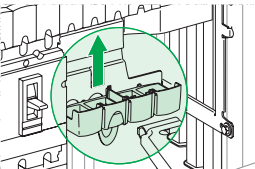
DD381250-L, IN,eps



- (1) For plug-in Compact NSX circuit breakers, order the adapter **LV429306** (3P) or **LV429307** (4P) with the base.
 (2) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (**04922**). In this case, use the form 2 restoration kit (**04924**): see the Prisma P catalogue.
 (3) Make the connection with flexible bars, 32 x 6 mm (**04752**): see the Prisma P catalogue.

Accessories

DD38094-L, N100,eps



PB502509-18_reps



Tooth covers

The tooth covers block off the reserve terminals on a Linergy FC four-pole distribution block. Made of an insulating material, they simply clip on from the front.

Cat. no.

04809

Technical data

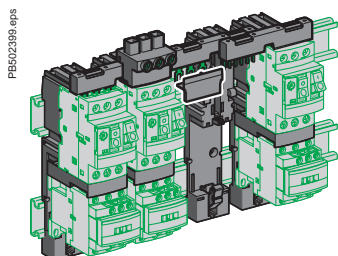
Common characteristics	
Rated operational current at 40 °C (In)	Distribution block derating follows the normal derating curves of Compact NSX and INS devices
Rated insulation voltage (Ui)	750 V AC
Rated operational voltage (Ue)	690 V AC
Rated impulse withstand voltage (Uimp)	8 kV
Rated peak withstand current (Ipk)	50 kA rms
Rated conditional short-circuit current of an assembly	Short-circuit withstand current compatible with the breaking capacity of the Compact NSX circuit breakers connected to the distribution block
Reference temperature	40 °C
Operating temperature	60 °C

Linergy FC selection table for special cases

In (A) depending on the temperature inside the switchboard		40	45	50	55	60	65	70
In (A)	3P	800	800	775	750	725	700	675
	4P	675	675	655	635	615	595	570

To obtain the maximum permissible current for the Linergy FC distribution block, apply the rated diversity factor RDF:

- 3P: RDF = 0.8
- 4P: RDF = 0.9.


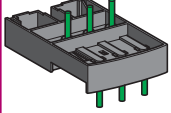
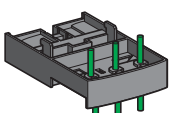



Description

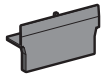

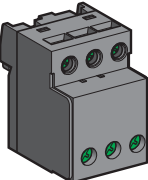
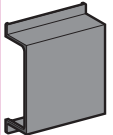
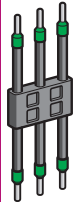
It is much easier to create protection and control blocks, thanks to a range of accessories. These can be used to:

- Supply power to a group of blocks (combs and connection blocks GV2 G●)
- Fix a fuse-carrier and a contactor on top of one another (mounting plate LAD 311)
- Interconnect a fuse-carrier and its contactor (rigid wiring modules GV2 AF●, LAD 3●)

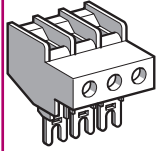
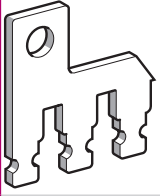
Using them creates considerably more space in the switchboard and reduces the wiring time

	Combination blocks			S-shape busbars	115 A busbars for connecting contactors in parallel	
						
	Between GV2 and contactor LC1 K or LP1 K	Between GV2 and contactor LC1 D09...D38	Between GV2 mounted on LAD 311 and contactor LC1 D09...D38	For circuit-breakers GV3 P●● and GV3 L●● and contactors LC1 D40A...D65A	Contactors LC1 D40A...D65A	
Set of	10	10	10		2	3
Cat. no.	GV2 AF01	GV2 AF3	GV2 AF4	GV3 S	GV3 G264	GV3 G364

Accessories

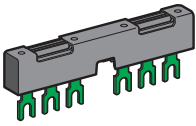
					
	Protective end cover	Terminal block for supply to one or more GV2 G busbar sets		Cover for terminal block	Flexible 3-pole connecting a GV2 to a contactor LC1-D09...D25
	For unused busbar outlets	Connection from the top	Can be fitted with current limiter GV1 L3 (GV2 ME and GV2 P)	For mounting in modular panels	Centre distance between mounting rails: 100...120 mm
Set of	5	1	1	10	10
Cat. no.	GV1 G10	GV1 G09	GV1 G05	LA9 E07	GV1 G02

Accessories for main pole and control connections

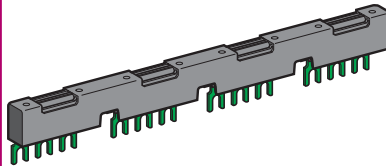
Number of poles	4-pole 10 mm ²	3-pole 25 mm ²	2-pole					
								
	Connectors for cable, size (1 connector)		Links for parallel connection of					
For use with contactors LC1	(~) (- - -)	DT20, DT25	D09...D38	D09...D38	DT20, DT25 (4P)	DT32, DT40 (4P)	D40A...D65A	D80, D95
Set of		1	1	10	10	10	1	2
Cat. no.		LAD 92560	LA9 D3260	LA9 D2561	LA9 D1261	LAD 96061	LAD 9P32	LA9 D80961

Sets of 3-pole 63 A busbars

PB502394.eps

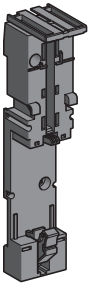


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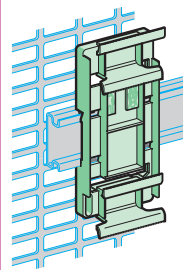


2 tap-offs			3 tap-offs		4 tap-offs		5 tap-offs	
Pitch mm								
45	54	72	45	54	45	54	72	54
GV2 G245	GV2 G254	GV2 G272	GV2 G345	GV2 G354	GV2 G445	GV2 G454	GV2 G472	GV2 G554

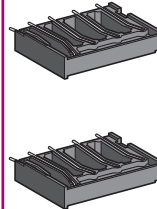
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PB502396.eps



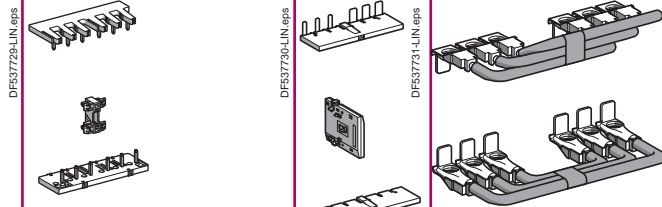
PB502396.eps



Adapter plates	Height compensation plate	Motor starter adapter plate	Connections upstream/downstream
For mounting a GV2 ME or GV2 P and contactor LC1 D09...D38 with front faces aligned	7.5 mm	With 3-pole connection for mounting a GV2 and a contactor LC1 D09...D25	For connecting GV2 ME to a printed circuit board
1	10	1	10
LAD 311	GV1 F03	GK2 AF01	GV2 GA01

3-pole		4-pole		
D09...D38	D40A...D65A	D80, D95	DT20, DT25	D80, D95
D09...D38	D40A...D65A	D80, D95	DT20, DT25	D80
10	1	1	2	2
LAD 9P3	LAD 9P33	LA9 D80962	LA9 D1263	LA9 D80963

For 3-pole reversing contactors



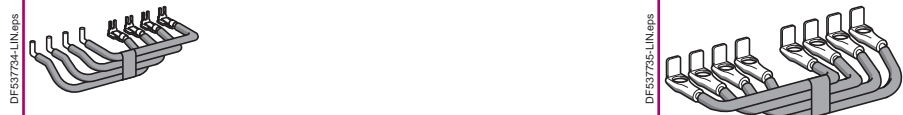
LAD 9R1

LAD 9R3

LA9 D8069

	Kits for assembly of reversing contactors		Power connections							
Composition	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing) 	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 without electrical interlock ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing) 	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 4CM ■ A set of power connections LA9 D65A69 	<ul style="list-style-type: none"> ■ A set of parallel bars ■ A set of reverser bars 						
For contactors	LC1 D09 to D38		LC1 D40A to D65A	LC1 D09 to D38 with screw terminals or connectors	LC1 D09...D32 with spring terminal connections	LC1 D40A to D65A	LC1 D80 and D95 (~)	LC1 D80 and D95 (—)	LC1 D115 and D150	
Cat. no.	LAD 9R1V	LAD 9R1	LAD 9R3	LAD 9V5 + LAD 9V6	LAD 9V12 + LAD 9V13	LA9 D65A69	LA9 D8069	LA9 D8069	LA9 D11569	

For 4-pole changeover contactor



LA9 D6570

LA9 D8070

	Kits for assembly of changeover contactor pairs		Sets of power connections						
Composition	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections (changeover) LAD 9V7 	<ul style="list-style-type: none"> ■ A mechanical interlock LAD 9V2 without electrical interlock ■ A set of power connections (changeover) LAD 9V7 	Comprising a set of parallel bars						
For contactors	LC1 DT20 to DT40 with screw terminals or connectors		LC1 DT60A and DT80A	LC1 D80004	LP1 D80004	LC1 D115004	LC1 DT203 to DT403 with spring terminals	LC1 D80004	LP1 D80004
Cat. no.	LAD T9R1V	LAD T9R1	LA9 D65A70	LA9 D8070	LA9 D8070	LA9 D11570	LAD 9V9	LA9 D8070	LA9 D8070

For star-delta starter

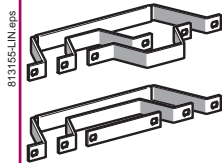
- 1 time delay contact block LAD S2 (LC1 D09...D80)
- Power circuit connections (LC1 D09...D80)
- Hardware required for fixing the contactors onto the mounting plate (LC1 D80)

LC1 D09 and D12	LC1 D18 to D32	LC1 D40A and D50A	LC1 D80	Equipment mounting plates			
				LC1 D09, D12 and D18	LC1 D32	LC1 D40A and D50A	LC1 D80
LAD 91217	LAD 93217	LAD 9SD3	LA9 D8017	LA9 D12974	LA9 D32974	-	LA9 D80973

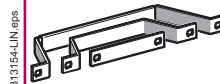
For 3-pole changeover contactor pairs

Mechanical interlocks		Sets of power connections
Without integral electrical interlock	With integral electrical interlock	Comprising a set of parallel bars
LC1 D40A...D65A	LC1 D115 and D150	LC1 D115 and D150
LAD 9R3S	LA9 D11502	LA9 D11571

Components for assembling 3-pole reversing contactors and changeover contactor pairs



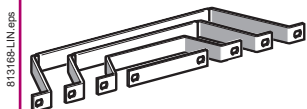
3-pole reversing contactors for motor control



3-pole changeover contactor pairs

Horizontal mounting	LC1 F115	LC1 F150	LC1 F185	LC1 F225	LC1 F265	LC1 F330	LC1 F400	LC1 F500	LC1 F630 or F800
For assembly of 3-pole reversing contactors for motor control References	LA9 FF976	LA9 F15076	LA9 FG976	LA9 F22576	LA9 FH976	LA9 FJ976	LA9 FJ976	LA9 FK976	LA9 FL976
For assembly of 3-pole changeover contactor pairs Cat. no.	LA9 FF982	LA9 F15082	LA9 FG982	LA9 F22582	LA9 FH982	LA9 FJ982	LA9 FJ982	LA9 FK982	LA9 FL982

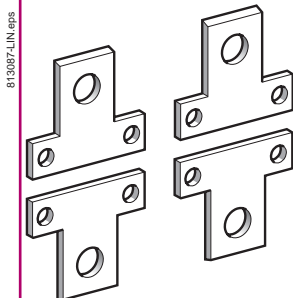
Components for assembling 3 and 4-pole changeover contactor pairs



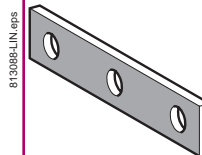
4-pole changeover contactor pairs

Horizontal mounting	LC1 F1154	LC1 F1504	LC1 F1854	LC1 F2254	LC1 F2654	LC1 F3304	LC1 F4004	LC1 F5004	LC1 F6304
Set of power connections Cat. no.	LA9 FF977	LA9 F15077	LA9 FG977	LA9 F22577	LA9 FH977	LA9 FJ977	LA9 FJ977	LA9 FK977	LA9 FL977

Accessories



LA9-602

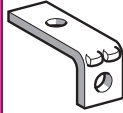


LA9 F-601

	Links for parallel connection of poles (in pairs)					Links for "star" connection of 3 poles				
	LC1 F1154	LC1 F1504, F1854	LC1 F2254, F2654, F3304, F4004	LC1 F5004	LC1 F6304	LC1 F115	LC1 F150, F185	LC1 F225, F265, F330, F400	LC1 F500	LC1 F630, F800
Cat. no.	LA9 FF602	LA9 FG602	LA9 FH602	LA9 FK602	LA9 FL602	LA9 FF601	LA9 FG601	LA9 FH601	LA9 FK601	LA9 FL601

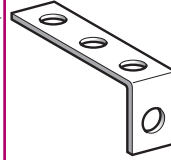
Right-angled connectors

813091-LIN.eps



LA9 F●981

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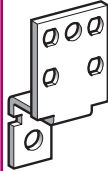


LA9 F●979

Contactors	LC1 F115			LC1 F150, F185			LC1 F225, F265, F330, F400		
Thermal overload relays	LR9 F5●67, LR9 F67			LR9 F5●69, F5●71, LR9 F69, F71			LR9 F7●75, LR9 F75		
Width (mm)	15			20			25		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area	Rear	Side	Large surface area
Cat. no.	LA9 FF981	LA9 FF979	LA9 FF980	LA9 FG981	LA9 FG979	LA9 FG980	LA9 FJ981	LA9 FJ979	LA9 FJ980

Right-angled connectors

DF510487-LIN.eps



LA9 FL980

Contactors	LC1 F500			LC1 F630, F800		
Thermal overload relays	LR9 F7●79, F7●81, LR9 F79, F81			LR9 F7●81, LR9 F81		
Width (mm)	30			40		
Type	Rear	Side	Large surface area	Rear	Side	Large surface area
Cat. no.	LA9 FK981	LA9 FK979	LA9 FK980	LA9 FL981	LA9 FL979	LA9 FL980

Accessories

Contactors	LC1 F115	LC1 F150 and F 185	LC1 F185	LC1 F225 and F265		LC1 F330 and F400	LC1 F400	LC1 F500	LC1 F630, F800
Thermal overload relays	LR9 F5●57, F5●63, LR9 F5●67, F5●69, LR9 F69, F71	LR9 F5●57, F5●63	LR9 F5●71, LR9 F71	LR9 F5●71, LR9 F71	LR9 F7●75, F●79, LR9 F75, F79	LR9 F7●75, F7●79, LR9 F75, F79	LR9 F7●81, LR9 F81	LR9 F7●75, F7●79, LR9 F7●81, LR9 F75, F79, F81	LR9 F7●81, LR9 F81
Width (mm)	15	20	25	25	25	25	25	30	40
Cat. no.	LA7 F401	LA7 F402	LA7 F407	LA7 F403	LA7 F404	LA7 F404	LA7 F404	LA7 F405	LA7 F406



Linergy BS

Busbars up to 630 A



Ratings	160 to 630 A
N° of poles	≥ 4P
N° of output / length	depends on the length of the bars
Output Section	16² to 50²
Fixation/ installation	horizontally or vertically on plain/slotted backplate, on Prisma G rear uprights
Standards	"IEC 61439-1&2"

50

Linergy BW

Insulated busbars up to 630A



Ratings	125 to 630 A
N° of poles	3P and 4P
N° of output / length	depends on the length of the bars
Output Section	16² to 50²
Fixation/ installation	on rear upright in Prisma G, on cross-member in Prisma P, vertically on plain backplate
Standards	"IEC 61439-1&2"

54

Linergy BZ

Quick busbar systems

Ratings	200 to 630 A
N° of poles	3P and 4P
N° of output / length	depends on the length of the bars
Output Section	large choice of connectors
Fixation/ installation	horizontally or vertically on plain/slotted backplate
Standards	"IEC 60439, UL"

56

Linergy LGY, LGYE, BS

Vertical installation

Ratings	630 to 4000 A
Fixation/ installation	vertical
Standards	"IEC 61439-1&2"

62

Linergy LGYE, BS

Horizontal installation

Ratings	630 to 4000 A
Fixation/ installation	horizontal
Standards	"IEC 61439-1&2"

68

PD390532_SE-25-eps

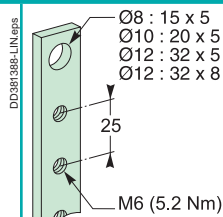


IEC 61439-1 & 2

Description

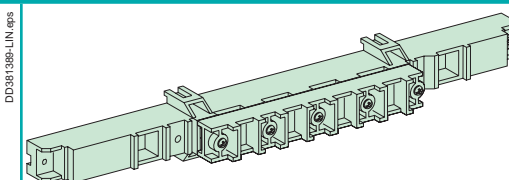
The busbar can be 3-pole or 4-pole with ratings between 160 A and 400 A. 2 lengths are available: 1000 and 1400 mm, which can be cut as required. The number of supports depends on the installation maximum rated current.

160 to 400 A copper busbars



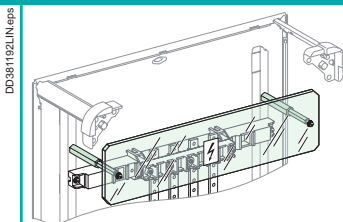
	160 A	250 A	400 A			
Rated peak withstand current (I _{pk})	30 kÅ	40 kÅ	55 kÅ			
Rated insulation voltage (U _i)	1000 V AC	1000 V AC	1000 V AC			
Rated short-time withstand current (I _{cw})	10 kA rms/1s	13 kA rms/1s	25 kA rms/1s			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm			
Installation	Threaded M6 holes every 25 mm all the way up Connection by: 16 to 50 mm ² flexible cables with crimped lugs					
Set of	4					
Length (mm)	1000	1400	1000	1400	1000	1400
Cat. no.	04161	04171	04162	04172	04163	04173

Insulating busbar support ⁽¹⁾



Distance between supports depending on I _{cw} /I _{pk} ⁽²⁾	≤ 10 kA rms/1 s / 30 kÅ	≤ 13 kA rms/1 s / 40 kÅ	≤ 15 kA rms/1 s / 40 kÅ	≤ 20 kA rms/1 s / 45 kÅ	≤ 25 kA rms/1 s / 55 kÅ
	450 mm	450 mm	450 mm	300 mm	225 mm
Installation	On the rear uprights Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm)				
Cat. no.	04191	04191	04191	04191	04191

IPxxB insulating protective shield



Length	470 mm	470 mm	470 mm
Height	100 mm	100 mm	100 mm
Composition	Supplied with fixings		
Cat. no.	04198	04198	04198

⁽¹⁾ The supports allow installation of a 5th busbar with 15 or 20 x 5 mm cross-section to create the earth collector.

⁽²⁾ Lineryg FM 200 A distribution blocks with connections ref. 04029 can act as intermediate supports (max. distance apart 200 mm) in addition to the support ref. 04191 at the top and bottom.

PD090533_SE-25.eps



IEC 61439-1 & 2

Description

Multi-stage busbars are installed in a duct L = 300 mm.

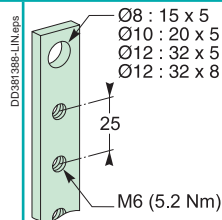
We strongly recommend dividing the current between 2 cubicles or enclosures joined on either side.

All the connection points are easily accessible from the front.

The busbar orientation makes them easier to tighten and facilitates running the cables between them. The current can be 3-pole or 4-pole with ratings between 160 A and 630 A. 2 lengths are available: 1000 and 1400 mm, which can be cut as required.

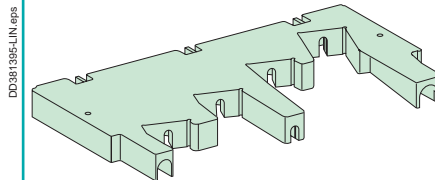
The number of supports depends on the installation maximum rated current.

160 to 630 A copper busbars



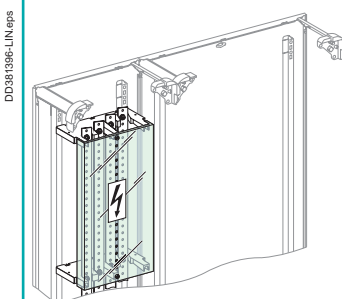
	160 A	250 A	400 A	630 A
Rated peak withstand current (I _{pk})	30 kA	40 kA	55 kA	55 kA
Rated insulation voltage (U _i)	750 V AC	750 V AC	750 V AC	750 V AC
Rated short-time withstand current (I _{cw})	10 kA rms / 1 s	13 kA rms / 1 s	15, 20 kA rms / 1 s	25 kA rms / 1 s
Supply at incoming terminals	Connection by: 16 to 50 mm ² flexible cables with crimped lugs			
Conductor cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Installation	Flat copper busbar with threaded M6 holes every 25 mm all the way up			
Set of	4			
Length (mm)	1000	1400	1000	1400
Cat. no.	04161	04171	04162	04172

Insulating busbar support ⁽¹⁾



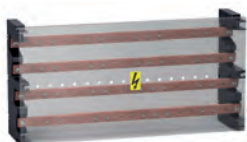
Support fixing centres in accordance with I _{cw} /I _{pk} ⁽²⁾	450 mm	450 mm	450 mm	450 mm
≤ 10 kA rms / 1 s / 30 kA	450 mm	450 mm	450 mm	450 mm
≤ 13 kA rms / 1 s / 40 kA	-	450 mm	450 mm	450 mm
≤ 15 kA rms / 1 s / 40 kA	-	-	450 mm	450 mm
≤ 20 kA rms / 1 s / 45 kA	-	-	300 mm	300 mm
≤ 25 kA rms / 0.6 s / 55 kA	-	-	300 mm	-
≤ 25 kA rms / 1 s / 55 kA	-	-	-	300 mm
Installation	Installation on functional uprights in Prisma. Screwed onto a solid or pre-slotted plate (450 x 200 mm fixing centres)			
Cat. no.	04192	04192	04192	04192

IPxxB insulating protective shield



Length	250 mm	250 mm	250 mm	250 mm
Height	1500 mm	1500 mm	1500 mm	1500 mm
Composition	Fixing accessories supplied with support ref. 04192			
Cat. no.	04197	04197	04197	04197

PE602514-33r-eps



IEC 61439-1 & 2

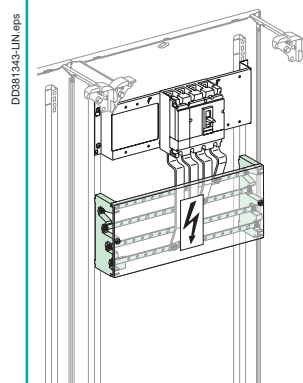
Description

The distribution block can be installed horizontally in the device zone or vertically in the 300 mm wide duct of enclosures and cubicles.

The distribution block is made up of:

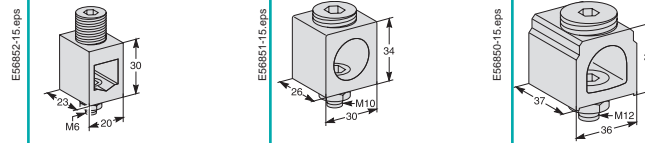
- two staggered supports made of an insulating material
- four slanted copper bars with holes every 25 mm.

Multi-stage distribution blocks



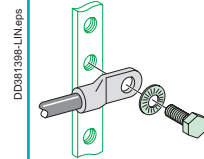
	160 A	250 A	400 A	630 A
Rated peak withstand current (I _{pk})	30 kA	30 kA	40 kA	40 kA
Rated insulation voltage (U _i)	750 V AC			
Rated operational voltage (U _e)	440 V AC			
Rated impulse withstand voltage (U _{imp})	8 kV			
Rated short-time withstand current (I _{cw})	10 kA rms / 1 s	13 kA rms / 1 s	20 kA rms / 1 s	25 kA rms / 1 s
Total connection capacity	4 incomers per phase: Ø12.2 mm clearance holes 13 outgoing per phase 16 to 50 mm ² : M6 tapped holes			
Busbar cross-section	15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Dimensions (mm)				
Installation	Screwed in horizontal position on functional uprights in enclosures and cubicles (Prisma G) Screwed in vertical position on sheathed uprights (Prisma G) Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm) Screwed onto adapter ref. 03595 (Prisma P)			
Composition	2 multi-stage supports made of an insulating material 4 slanted copper busbars, with holes every 25 mm 1 pack of 36 M6 x 16 screws + contact washers 1 IPxxB front insulating shield			
Cat. no.	04052	04053	04054	04055

Incomer accessories



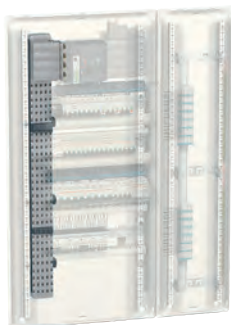
	Connectors for copper or aluminium cables		
Rated operational current at 40 °C (I _e)	160 A	250 A	400 A
Supply at incoming terminals	70 mm ² cables	16 to 185 mm ² cables	70 to 300 mm ² cables
Composition	Supplied with fixings at busbar end		
Set of	4		
Cat. no.	07051	07052	07053

Outgoer accessories



	Class 8.8 fixings	
Composition	20 M6 x 20 screws + 20 nuts + 40 contact washers	40 M6 x 16 screws + 40 contact washers
Cat. no.	04194	04195

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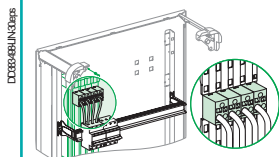
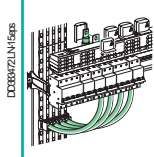
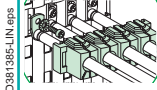
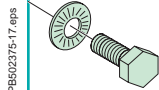
Description

- Compact busbar, **IPxxB**, ready for installation (supplied complete with supports and end caps).
- Shaped busbar, threaded M6 with 25-mm pitch, can be cut with 200-mm pitch (150 mm for the 125 A).
- Busbar installed on insulating supports, screwed onto the rear uprights.
- Wide selection of tested pre-wired connectors.
- Clip-on covers to protect against direct contact (IPxxB). Can easily be cut to allow connections to pass through to the switchgear.
- Ends protected by end caps.

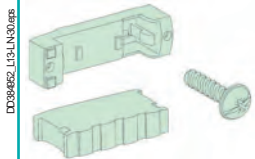
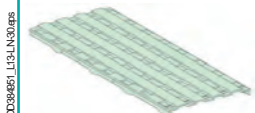
Lineryg BW busbar

		125 A		160 A		250 A		400 A		630 A	
Rated peak withstand current	(I _{pk})	20 kA		30 kA		30 kA		52.5 kA		52.5 kA	
Rated insulation voltage	(U _i)	500 V AC		750 V AC		750 V AC		750 V AC		1000 V AC	
Rated impulse withstand voltage	(U _{imp})	8 kV		8 kV		8 kV		8 kV		8 kV	
Rated short-time withstand current	(I _{cw})	8.5 kA rms/1 s		10 kA rms/1 s		13 kA rms/1 s		20 kA rms/1 s		25 kA rms/1 s	
Length (mm)		450	750	1000	1400	1000	1400	1000	1400	1000	1400
Cat. no.	3P	04103	04107	04111	04116	04112	04117	04113	04118	04114	04119
	4P	04104	04108	04121	04126	04122	04127	04123	04128	04124	04129

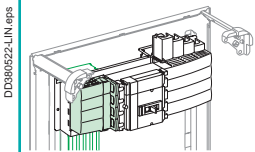
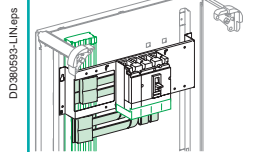

Accessories

		IPxxB tap-off terminals		200 A connections	IPxxB insulating covers	Class 8.8 fixing accessories
						
		For one 6 mm ² cable and one 10 mm ² cable (U _i): 750 V	For one 1 to 16 mm ² cable (U _i): 750 V		Covers which can be clipped on and cut to size are used to isolate the connectors of a connection with cables of cross-section 10 to 25 mm ²	M6 x 12 + 20 M6 contact washers
Used for connecting		<ul style="list-style-type: none"> ■ All switchgear equipped with enclosed terminals ■ Lineryg FM 160/200 A 	<ul style="list-style-type: none"> ■ All switchgear equipped with enclosed terminals ■ Lineryg FM 63/80/160/200 A 	<ul style="list-style-type: none"> ■ Lineryg FM 200 A 		
Set of		12	12	4	8	20
Cat. no.		04151	04152	04021	04150	04158


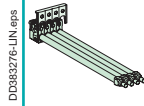
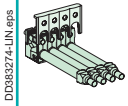
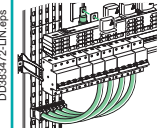
Spare parts

		Lineryg BW busbar supports				
						
Rated operational current at 40 °C	(I _e)	125 A	160 A	250 A	400 A	630 A
Composition		2 busbar supports + 2 end caps + packet of fixing accessories				
Cat. no.		-	01210	01210	01210	01211
						
		IPxxB clip-on covers				
Length (mm)		200				
Set of		2				
Cat. no.		-	01201	01201	01201	01201

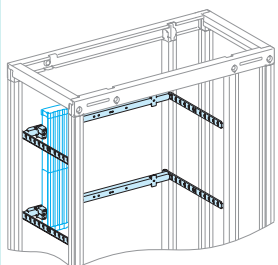
Linery BW busbar connections with power supply unit

	 DD380622-LIN.eps			 DD380693-LIN.eps			 DD380693-LIN.eps	
	Power supply units with connections			Universal power supply units + pre-wired connectors			Universal power supply units + connections to be made (flexible insulated busbars can be used)	
Used for connecting Compact	<ul style="list-style-type: none"> Horizontal NSX100/250 with or without Vigi Horizontal INS-INV250 	<ul style="list-style-type: none"> Horizontal NSX400 Horizontal INS-INV320/400 	<ul style="list-style-type: none"> Horizontal NSX630 Horizontal INS-INV500/630 	<ul style="list-style-type: none"> Enclosed NSX100/250 with toggle switch Enclosed vertical INS-INV250 	<ul style="list-style-type: none"> Sheathed NSX100/250 with or without Vigi Sheathed vertical INS-INV250 	<ul style="list-style-type: none"> Sheathed NSX400/630 with or without Vigi Sheathed vertical INS-INV320/630 	<ul style="list-style-type: none"> Enclosed horizontal NSX100/250 with rotary handle or remote control Vertical Fupact INF100/160, Fupact ISFT100/250 	<ul style="list-style-type: none"> Enclosed NSX400/630 with or without Vigi Enclosed INS-INV320/630
Cat. no.	04060	04070	04071	04061 + 04062	04061 + 04064	04074 + 04073	04061	04074

Pre-wired connectors

	 DD381379-LIN.20.eps		 DD383276-LIN.eps		 DD383274-LIN.eps		 DD383472-LIN.eps	
	Connections		IPxxB 3/4P monobloc connection		IPxxB 3/4P monobloc connection		Connections	
	35 mm ² ferrule + 45° angled connector	45 mm ² ferrule + 45° angled connector	Quick connection on the busbar equipped with a male ferrule for enclosed terminals. Neutral identified by the colour blue.					
Rated operational (Ie) current at 40 °C	125 A	160 A	160 A		160 A		200 A	
Length	230 mm	250 mm	440 mm		150 mm			
Used for connecting	<ul style="list-style-type: none"> NG125, INS with enclosed terminals ref. 28947 or 28948 	<ul style="list-style-type: none"> INS160, NG125, NG160 	<ul style="list-style-type: none"> NG160 (left-hand position), Vigi NG160 (middle position) NG125, INS160, C120, iC120 		<ul style="list-style-type: none"> NG160 (left-hand position), NG125, INS160, C120, iC120 		<ul style="list-style-type: none"> Linery FM 200 A 	
Set of	4	4	1		1		4	
Cat. no.	04145	04146	04148		04147		04021	

Adaptation

	 DD382578.eps
Characteristics	Prisma G adapter, W = 500 mm
Cat. no.	03595

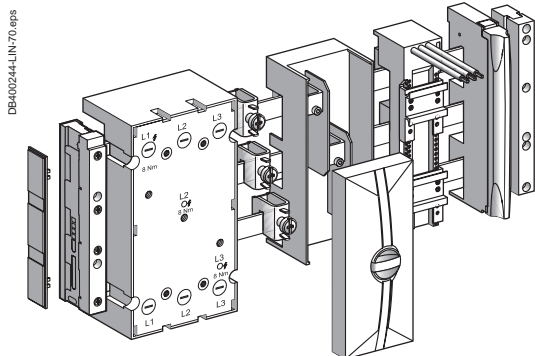
Note: the adapter 03595 can be used for all mounting plates, except 03030. For Linery BW busbars installation, order two adapters 03595 x 2 (4 lateral cross-members + 2 longitudinal cross-members).

IEC 60439-1 & UL485

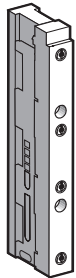

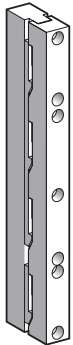
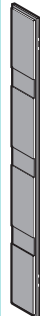
Description

This mounting plate system for busbars simplifies the installation of motor feeder components used in your electrical installations. Power distribution is performed by a busbar.

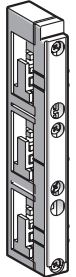

The mounting plates are fitted directly on this busbar, by snap-on mounting, thus implementing electrical distribution.



IEC busbar supports and accessories

Number of poles	3		4	
	 DB403873-LIN.eps	 DB403872-LIN.eps	 DB403875-LIN.eps	 DB403874-LIN.eps
	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131
	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars		For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	
Set of	10	10	10	10
Cat. no.	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131

UL busbar supports and accessories

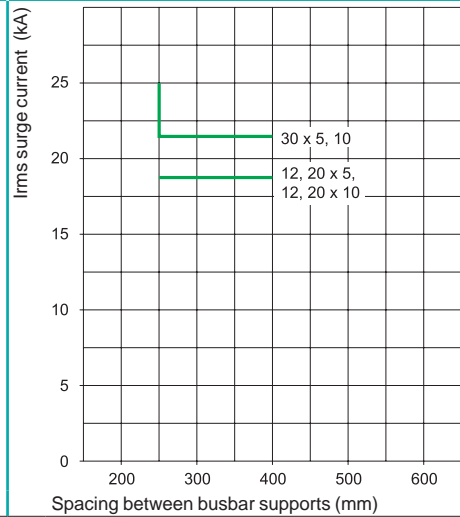
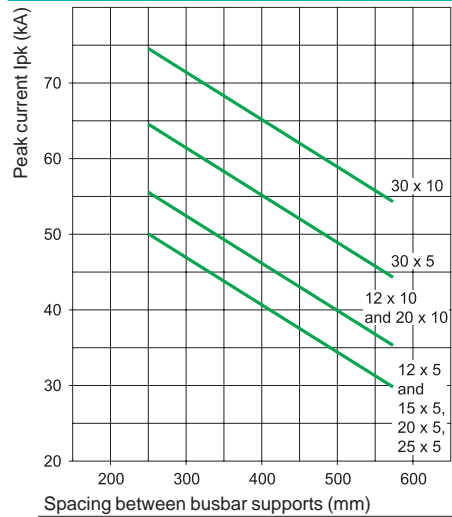
Number of poles	3		
	 DB403876-LIN.eps		 DB403872-LIN.eps
	LA9ZX01508		LA9ZX01573
	For 12, 20, 30 x 5/10 mm busbars		Base plate 240 x 700
Set of	10	2	10
Cat. no.	LA9ZX01508	LA9ZX01515	LA9ZX01573

Technical data

General characteristics									
		LA9ZX01495 and LA9ZX01485 (IEC)							
Compatibility of bar dimensions		12 x 5 mm	15 x 5 mm	20 x 5 mm	25 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm
Rated operational current at 40 °C (Ie)		200 A	250	320	400	450	360	520	630
Rated peak withstand current (Ipk)		30 kA	30 kA	30 kA	30 kA	45 kA	35 kA	35 kA	53 kA
Distance max. between 2 busbars supports		570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm	570 mm
Degree of protection		IP20 (with cover LA9ZX01244 or LA9ZX01245)							
Thermal resistance		125 °C							
Rated current frequency		50/60 Hz							
Rated insulation voltage (Ui)		690 V AC							
Rated operating voltage (Ue)		690 V AC							

		LA9ZX01508 (UL)					
Compatibility of bar dimensions		12 x 5 mm	20 x 5 mm	30 x 5 mm	12 x 10 mm	20 x 10 mm	30 x 10 mm
Rated operational current at 40 °C (Ie)		150 A	362 A	500 A	300 A	564 A	630 A
Irms surge current		18 kA	18 kA	22 - 25 kA	18 kA	18 kA	22 - 25 kA
SCCR (protected by Compact NSX circuit breaker)	250 A 480 V AC	65 kA	-	-	65 kA	-	-
	250 A 600 V AC	25 kA	-	-	25 kA	-	-
	400 A 480 V AC	-	65 kA	65 kA	-	65 kA	65 kA
	400 A 600 V AC	-	35 kA	35 kA	-	35 kA	35 kA
	500 A 480 V AC	-	-	65 kA	-	-	65 kA
	600 A 600 V AC	-	-	35 kA	-	-	-
	600 A 480 V AC	-	-	50 kA	-	-	50 kA
SCCR (protected by fuses Class J or T, etc.)	400 A 480 V AC	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA
	500 A 480 V AC	-	-	100 kA	-	-	100 kA
	500 A 600 V AC	-	-	100 kA	-	-	100 kA
Max. distance between 2 busbar supports (busbar protected)		400 mm	800 mm	800 mm	400 mm	800 mm	800 mm
Degree of protection		IP20 (with cover LA9ZX01244 or LA9ZX01245)					
Thermal resistance		125 °C					
Rated current frequency		50/60 Hz					
Rated operating voltage (Ue)		600 V AC					

Determining the spacing between busbar supports (LA9ZX01495 and LA9ZX01485), according to IEC 60439-1 ⁽¹⁾ **Short-circuit withstand diagram according to UL485 (LA9ZX01508)**



(1) Depending on the short-circuit current.

Technical data

Characteristics of busbar mounting plates					
Type of mounting plate	LA9ZA32621 LA9ZA32622	LA9ZA32427 LA9ZA32428 LA9ZA32434 LA9ZA32623 LA9ZA32442 LA9ZA32443	LA9ZA32624 LA9ZA32625 LA9ZA32626 LA9ZA32627	LV429372 LV429373	LV432623 LV432624
Degree of protection as per IEC 60529 (IP)	20				
Rated insulation voltage	690 V				
Permissible current	25 A	32 A	63 A	80 A - 100 A - 250 A	400 A-630 A
Peak rated current	50 kA	50 kA ⁽¹⁾	50 kA	50 kA	50 kA
SCCR (UL) with Compact NSX circuit breaker protection (mm ²)	The cascading reinforced breaking capacity when combining circuit breakers is maintained				
Conductor cross section (colour: black)	4 mm ² 12 AWG	6 mm ² 10 AWG	10 mm ² 8 AWG	-	-
Type of conductor insulating material (PVC)	105°				

⁽¹⁾ 35 kA with LUB12 for LA9ZA32427 and LA9ZA32428.

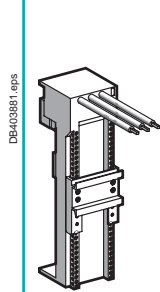
For TeSys GV2 motor circuit breakers

	LA9ZA32443, LA9ZA32621	LA9ZA32434, LA9ZA32442	LA9ZA32622, LA9ZA32623	
	Mounting plate, 1-way		Mounting plate, 2-way	
Operating current AC-3 440 V	25 A	32 A	25 A	32 A
Protection by motor circuit breaker	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE	GV2 ME GV2 P GV2 LE
For contactor	LC1 D LC1 K LP4 K06-K12	LC1 D	LC1 D LC1 K LP4 K06-K12	LC1 D
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63 54 x 200 x 63 63 x 200 x 63	90 x 200 x 63	90 x 200 x 63
Set of	4	4	2	2
Cat. no.	LA9ZA32621	LA9ZA32434 LA9ZA32442 LA9ZA32443	LA9ZA32622	LA9ZA32623

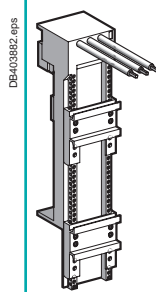
TeSys U starter-controllers

	LA9ZA32427	LA9ZA32428
	Mounting plate, 1-way	Mounting plate, 2-way
Operating current AC-3 440 V	32 A	32 A
Protection by power base	LUB12, LUB32	LUB12, LUB32
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 200 x 63
Set of	4	4
Cat. no.	LA9ZA32427	LA9ZA32428

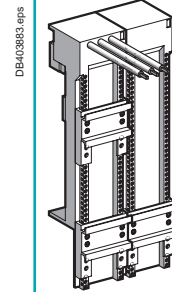
For TeSys GV3 motor circuit breakers



LA9ZA32624



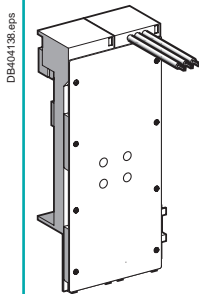
LA9ZA32625



LA9ZA32626

	Mounting plate, 1-way	Mounting plate, 1-way	Mounting plate, 2-way
Operating current AC-3 440 V	63 A	63 A	25 A
Protection by power base	GV3 P	GV3 P	GV3 P
For contactor	-	LC1 D40A...65 A	LC1 D40A...65 A
Dimensions (L x H x W) (mm)	54 x 200 x 63	54 x 260 x 63	117 x 260 x 63
Set of	4	4	2
Cat. no.	LA9ZA32624	LA9ZA32625	LA9ZA32626

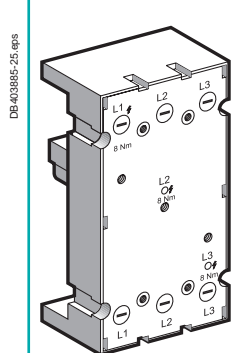
For TeSys integral contactor-circuit breakers **For TeSys GV7 motor circuit breakers**



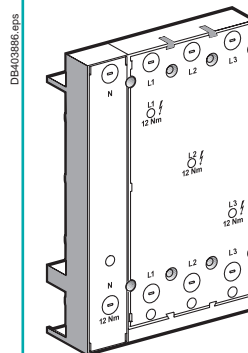
LA9ZA32627

	Mounting plate, 1-way	Mounting plate, 1-way
Operating current AC-3 440 V	63 A	80 A
Protection by contactor-circuit breaker	LD1, LD4 LD●	GV7
Dimensions (L x H x W) (mm)	108 x 260 x 63	104 x 190 x 63
Set of	1	1
Cat. no.	LA9ZA32627	LV429372

For Compact NSX circuit breakers



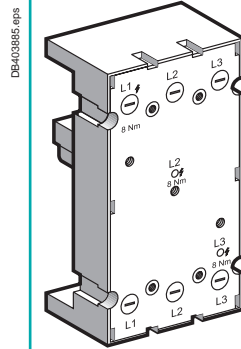
LV429372



LV432624

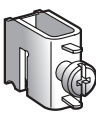
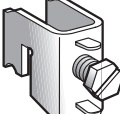
	Mounting plate for 3P circuit breakers	Mounting plate for 4P circuit breakers	Mounting plate for 3P circuit breakers	Mounting plate for 4P circuit breakers
Rated operational current at 40 °C (Ie)	100-250 A	100-250 A	400-630 A	400-630 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	139 x 251 x 63	139 x 270 x 63	139 x 270 x 63
Set of	1	1	1	1
Cat. no.	LV429372	LV429373	LV432623	LV432624

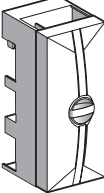
For PowerPact 3P circuit breakers

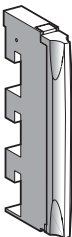


LA9ZA32600

	Mounting plate for H frame circuit breakers	Mounting plate for J frame circuit breakers	Mounting plate for L frame circuit breakers
Rated operational current at 40 °C (Ie)	60-100-150 A	250 A	250-400-600 A
Dimensions (L x H x W) (mm)	104 x 190 x 63	104 x 190 x 63	139 x 270 x 63
Set of	1	1	1
Cat. no.	LA9ZA32600	LV429372	LV432623

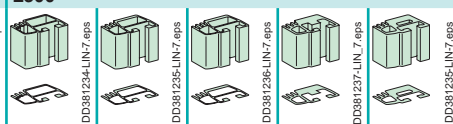
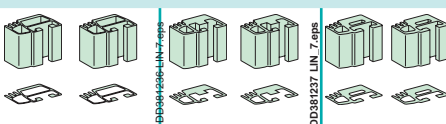
Terminals			
Number of poles	1P		
	 DB400227.eps LA9ZX01285	 DB400243.eps LA9ZX01287	
	For flat bars, 5 mm		3P cover, width 84 mm
Rated operational current at 40 °C (I _e)	270 A	400 A	
Supply at incoming terminals	4 - 35 mm ²	16 - 70 mm ²	
Set of	50	25	10
Cat. no.	LA9ZX01285	LA9ZX01287	LA9ZX01413

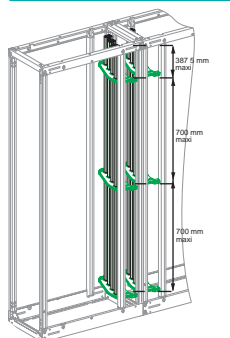

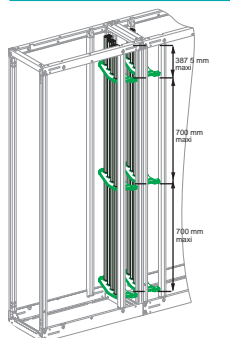
Terminals on mounting plate	
Number of poles	3P
	 DB400228.eps LA9ZX01243
	On mounting plate + cover, for 12 x 5 to 30 x 10 busbars
Rated operational current at 40 °C (I _e)	440 A
Supply at incoming terminals	35 - 120 mm ²
Set of	1
Cat. no.	LA9ZX01243


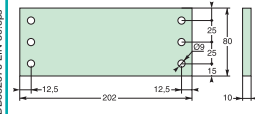
Connection module	
Number of poles	3P
	 DB400240.eps LA9ZX01563
	Spring terminal connection + cover, for busbars of 12 x 5 to 30 x 10
Rated operational current at 40 °C (I _e)	80 A
Supply at incoming terminals	1.5 - 16 mm ²
Set of	8
Cat. no.	LA9ZX01563


Technical data

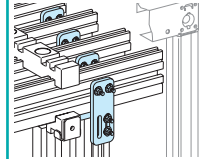
Connection by connectors								
	LA9ZX01285		LA9ZX01287		LA9ZX01243		LA9ZX01563	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Flexible wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Multi-core wire	4 mm ²	35 mm ²	16 mm ²	70 mm ²	35 mm ²	120 mm ²	1.5 mm ²	16 mm ²
Rigid wire	4 mm ²	35 mm ²	-	-	-	-	1.5 mm ²	16 mm ²
Tightening torque	... x 5 N.m Supplied without cover		... x 5 N.m Supplied without cover		... x 5-10 N.m		... x 5-10 N.m	

Lineryg LGY profiles									
	Up to 1600 A (single busbar)					Up to 3200 A (double busbar)			
In Prisma P duct	L150					2 x L150			
In SFP/PH duct	L300					-			
Lineryg profile, 1670 mm long									
	DD381233-LIN-7 eps	DD381234-LIN-7 eps	DD381235-LIN-7 eps	DD381236-LIN-7 eps	DD381237-LIN-7 eps	DD381235-LIN-7 eps	DD381236-LIN-7 eps	DD381237-LIN-7 eps	DD381237-LIN-7 eps
	630 A	800 A	1000 A	1250 A	1600 A	2 x 1000 A	2 x 1250 A	2 x 1600 A	
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31 680 A	840 A	1040 A	1290 A	1650 A	2000 A	2500 A	3200 A	
	IP > 31 590 A	760 A	950 A	1170 A	1480 A	1820 A	2260 A	2920 A	
Number of profiles per phase	1					2			
Cat. no.	04502	04503	04504	04505	04506	04504	04505	04506	

Busbar supports													
						Fixed support 04651							
	Characteristics					An end stop must be fitted on the bottom support: 01109 (sold in lots of 12)							
	Number depending on I _{cw} (kA rms/1 s)	≤ 25	3			2 x 3							
		≤ 30	-	3			2 x 3						
		≤ 40	-	-	3			2 x 3					
		≤ 50	-	-	-	4			2 x 3				
		≤ 60	-	-	-	5			2 x 4				
		≤ 65	-	-	-	-	5			2 x 4			
		≤ 75	-	-	-	-	7			2 x 5			
		≤ 85	-	-	-	-	8			2 x 5			
Cat. no.	04651 (+ set of 2 upright adapters NSYSFPA for installation in SFP/PH cubicle)												

Equipotential bonding									
	3 equipotential bonding items must be installed between the busbars								
									
					Connection made with a flat 80 x 10 mm busbar between 2 L150 ducts				

Connections to the Lineryg BS horizontal busbar									
	Characteristics					Fixings supplied. Order 1 connection per phase			
	Cat. no according to horizontal busbar size	5 mm thick				04634 (1000 A)	04635 (1600 A)	-	
		10 mm thick	Width ≤ 80 mm			04636	2 x 04636		
		Width > 80 mm			04636 + 04642	2 x 04636 + 2 x 04642			

Connections to the Lineryg LGYE horizontal busbar									
	Characteristics					≤ 1600 A			
						Supplied with fixings. References are supplied individually: 1 connection per phase.			
	Cat. no. according to horizontal busbar size					04602 (vertical connection) 04603 (vertical shifted connection) ⁽¹⁾			

(1) Dedicated connection 04603 for Lineryg LGYE busbar in 150 mm duct with horizontal jointing.

Linery LGYE profiles										
	Up to 4000 A									
In Prisma P duct	L150				L300					
In SFP/PH duct	L300									
Linery profile, 2000 mm long										
	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A	
Permissible current for an ambient temperature of 35 °C around the switchboard	IP ≤ 31	530 A	680 A	850 A	1050 A	1480 A	1650 A	2100 A	2800 A	3620
	IP > 31	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3350
Length to cut for side mounting	1675 mm								1625 mm	
Number of profiles per phase	1									
Cat. no.	04560	04561	04562	04563	04564	04565	04566	04567	04568	

Busbar supports					
		 DD380929-LIN_1.eps Fixed support 04661	 DD381660-LIN_1.eps Free support 04662	 DD383194-LIN-30.eps Bottom support 04666	
	Characteristics	3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use free supports (in addition).			
	Number depending on I _{cw} (kA rms/1 s)	≤ 30	3		
		≤ 40	3+2	3	
		≤ 50		3	
		≤ 60	3+2		3
		≤ 65		3+2	
	≤ 75		3+4	3+2	
	≤ 85		3+4		
	≤ 100			3+6	
Cat. no.	04661 + 04662			04661 + 04671 + 04662	04661 + 04646 + 04662

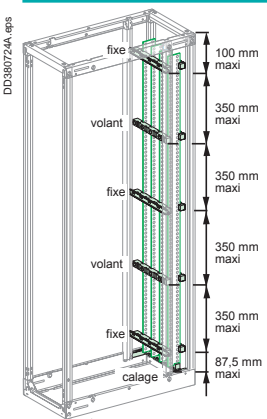
Wedging busbars in position			
	 DD384577-LIN_1.eps Wedge fitted on bottom support	 DD384576-LIN_1.eps Wedge fitted on bottom support	
Characteristics	The bottom support is used to place profiles and ensure they are in the correct position. It is not considered to be a busbar support.		
Cat. no.	04663 ⁽¹⁾ 04658 (pack of 12 stops)		04666 + 04661 04659 (pack of 12 replacement stops)

Connections to the Linery LGYE horizontal busbar			
	 DD384675-4x6xL LIN_1.eps 2000/2500 A	 DD384675-LIN_1.eps 3200/4000 A	
Characteristics	Supplied with fixings. References are supplied individually: 1 connection per phase.		
Cat. no. according to horizontal busbar size	04604 (short connection) 04605 (long connection)		04607

(1) 04663 up to 2500 A in 150 mm duct with horizontal jointing.

Flat busbars														
	Up to 1600 A						Up to 3200 A							
In Prisma P duct	L150						L150				L300	2 x L150		
In SFP/PH duct	L300 D500/600/800						L300 D500/600/800							-
Pre-slotted copper, 1675 mm long														
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31		800 A	1000 A	1400 A	1800 A	1200 A	1400 A	1800 A	2050 A	2300 A	2820 A	3200 A	3200 A
	IP > 31		750 A	900 A	1250 A	1600 A	1080 A	1250 A	1600 A	1850 A	2000 A	2500 A	2820 A	2820 A
Busbar cross-section (mm)	60 x 5	80 x 5	60 x 5	80 x 5	50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10	80 x 10	
Number of busbars per phase	1		2		1		2		2		pending		04528	
Cat. no.	04516	04518	04516	04518	04525	04526	04528	04525	04526	04528	pending	04528		

Busbar supports



Description
Attach directly to the framework.
3 fixed supports are compulsory to hold the busbar in position.
If more than 3 supports are needed, use free supports (in addition).
The bottom wedge support is used to place the busbar and ensure it is in the correct position.
It does not count as a busbar support.

Number of supports depending on I _{cw} (kA rms/1 s)	≤ 15	≤ 25	≤ 30	≤ 40	≤ 50	≤ 60	≤ 65	≤ 75	≤ 85
Number of supports	3	3+2	3+2	3+4	3+4	3+4	3+4	3+6	3+6
Number of fixed supports	3	3	3	3	3	3	3	3	3
Number of free supports	0	0	0	0	0	0	0	0	0

Cat. no. of supports depending on distance between bars and duct depth	Prisma P duct 75 mm distance between bars	L150 mm	04661 (fixed) + 04662 (free) + 04663 (spacer)
	L300 mm	04661 (fixed) + 04662 (free) + 04666 + 04661 (spacer) ⁽¹⁾	
	SFP duct L300 75 mm distance between bars	D500 mm	NSYBV500 (fixed) + 04662 (free) + NSYAS500 (spacer) ⁽¹⁾
		D600 mm	NSYBV600 (fixed) + 04662 (free) + NSYAS600 (spacer) ⁽¹⁾
		D800 mm	NSYBV800 (fixed) + 04662 (free) + NSYAS800 (spacer) ⁽¹⁾
	SFP duct L300 115 mm distance between bars	D800 mm	NSYBV800L (fixed) + 04678 (free) + NSYAS800L (spacer) ⁽¹⁾

⁽¹⁾ If using a 100 x 10 bars, add a pack of screws ref. 04671 for each fixed support 04661 and free support 04662.

Connections to the Lineryg BS horizontal busbar



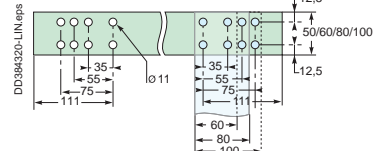
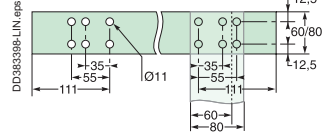
Characteristics
For a busbar with 75 mm distance between bars, the bars must be completely covered. Staggered assembly points between one bar and the next, to maintain the necessary clearance distances. ⁽²⁾

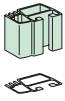
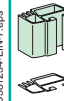


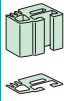
References 04636, 04637 are supplied individually: 1 connection per phase.
Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.

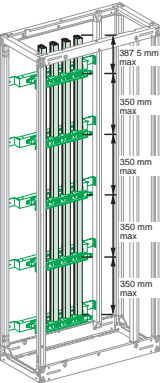
Cat. no. of the connection piece depending on horizontal busbar size	≤ 80 mm	04645	1 bar per phase			2 bars per phase			double busbar	
			50 x 10	60 x 10	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	80 x 10
	> 80 mm	04645	04636	04637	04637	04636 + 04642	04637 + 04642	04637 + 04642	04645	04636 x 2
										(04637 + 04642) x 2

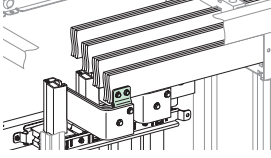
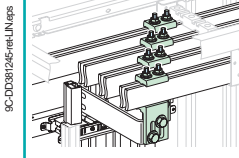
⁽²⁾ Drill hole dimensions for 5 mm thick horizontal busbars.

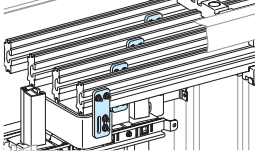
Drill hole dimensions for 10 mm thick horizontal busbars.



Linergy LGY profiles		Up to 1600 A				
At the back of a Prisma P cubicle		L650				
At the back of a SFP/PH cubicle		L700				
Linergy profile, 1670 mm long						
		DD381233-LIN-7.eps	DD381234-LIN-7.eps	DD381235-LIN-7.eps	DD381236-LIN-7.eps	DD381237-LIN-7.eps
		630 A	800 A	1000 A	1250 A	1600 A
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31	680 A	840 A	1040 A	1290 A	1650 A
	IP > 31	590 A	760 A	950 A	1170 A	1480 A
Number of profiles per phase		1				
Cat. no.		04502	04503	04504	04505	04506

Busbar supports		Fixed support 04652					
	Number	≤ 25					
	depending on l _{cw}	≤ 30	4				
	(kA rms/1 s)	≤ 40				5	
		≤ 50					7
	Characteristics						An end stop must be fitted on the bottom support 01109 (sold in lots of 12)
Cat. no.		04652					

Connections to the Linergy BS horizontal flat busbar		 	
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.	
Cat. no. according to horizontal busbar size	5 mm thick	04635	
	10 mm thick	Width ≤ 80 mm	04636
		Width > 80 mm	04636 + 04642

Connections to the Linergy LGYE horizontal flat busbar			
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.	
Cat. no.		04602	

Flat busbars							
	Up to 1600 A						
At the back of a Prisma P cubicle	L650						
At the back of a SFP/PH cubicle	L700			-	L700		
Pre-slotted copper, 1670 mm long							
	800 A	1000 A	1400 A	1800 A	1000 A	1200 A	1600 A
Permissible current for an ambient temperature of 35 °C around the switchboard	IP ≤ 31 800 A	IP ≤ 31 1000 A	IP ≤ 31 1400 A	IP ≤ 31 1800 A	IP > 31 -	IP > 31 -	IP > 31 -
Busbar cross-section (mm)	60 x 5						
Number of busbars per phase	1			2		1	
Cat. no.	04516	04518	04516	04518	04525	04526	04528

Busbar supports

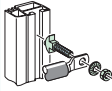
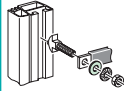

	<p>DD380732-LIN.eps</p>	<p>DD381652-LIN.eps</p>	<p>DD380734.eps</p>
	Fixed busbar support 04653	Busbar free support 04662	Mounting chocks 04669
Characteristics	3 fixed supports ref. 04653 are compulsory to keep the busbar vertical. If more than 3 supports are needed, use free support ref. 04662 (in addition). Metal shim ref. 04669 (sold in lots of 100), 5 mm thick, is screwed onto the busbar. It rests on a fixed support and is used to wedge the busbar in position.		
	<p>DD380815-LIN.eps</p>	<p>DD380733-LIN.eps</p>	
	Wedging: 1 busbar/phase	Wedging: 2 busbars/phase	
Number	≤ 15	3	3
depending	≤ 25	3+2	3
on low	≤ 30	3+2	3+2
(kA rms/1 s)	≤ 40	3+4	3+2
	≤ 50	3+4	3+2
	≤ 60		3+4
	≤ 65		3+4
	≤ 75		3+6
	≤ 85		
Cat. no.	04653 (fixed) + 04662 (free) + 04669 (spacer)		

Connections to the Lineryg BS horizontal flat busbar

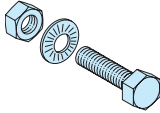
	<p>DD381244-LIN_1.eps</p>	<p>9CDD889245enLIN_1.eps</p>
	04635 connection to horizontal busbar 5 mm thick	04636 connection to horizontal busbar 10 mm thick
Characteristics	For part of the connection, flexible insulated busbars are needed. References 04635 , 04636 are supplied individually = 1 connection per phase. Reference 04642 consists of 2 M8 x 140 screws which can replace the original M8 x 120 screws.	
Cat. no. according to horizontal busbar size	5 mm thick	04635
	10 mm thick	04636 ⁽¹⁾
	thick	04636 + 04642 ⁽¹⁾

(1) To be made.


Accessories

				
		DD381218-LIN-15.eps	DD381218-LIN-15.eps	DD381222-LIN-10.eps
		Linergy screw	Plain washer	Identification
Linergy screw	Characteristics	Sold in lots of 20: 20 screws + 20 nuts + 20 contact washers, class 8.8. The screws slide into the profile and are then locked in the desired position.		
	Cat. no. 25 mm long	04766 (for lug and flexible busbar connection)		
	39 mm long	04767 (for copper busbar connection)		
Steel plain washers	Characteristics	M8 sold in lots of 20		
	Cat. no. ext. Ø20 mm	04772		
	ext. Ø24 mm	04773		
	ext. Ø28 mm	04774		
Brass plain washers	Characteristics	M8 sold in lots of 20 for connection of $\leq 25 \text{ mm}^2$ lugs to Linergy		
	Cat. no. ext. Ø20 mm	04775		
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	Cat. no.	04794		
	Characteristics	Linergy LGYE busbar screw plate kit after sales service		
	Cat. no.	01130		

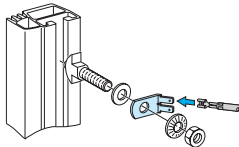
M8 bolts

		
		DD3810727.eps
Linergy BS, 20 bolts 8.8 class	Characteristics	Set of 20 bolts + 20 nuts + 40 contact washers.
	Cat. no. M8 x 20	04782
	M8 x 25	04783
	M8 x 30	04784
	M8 x 35	04785
	M8 x 40	04786
	M8 x 45	04787
	M8 x 50	04788

Torque nuts

		
		DD3810735.eps
20 M8 torque nuts	Characteristics	Can be used to obtain the correct tightening torque (28 Nm) recommended by then manufacturer, without using a torque wrench. Torque nuts may be used for all electrical connections.
	Cat. no.	04759

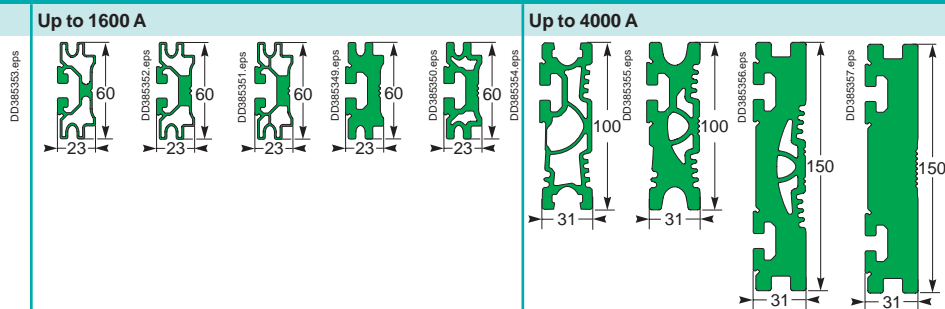
Voltage tap-offs

		
		DD3810736.eps
20 M10 voltage tap-offs for two 6.35 mm tab connectors	Characteristics	For small lugs (on low-current cables or measurement tap-offs), insert a conducting washer (cat. no. 04775) between the busbar and the lug.
	Cat. no.	04229

Linergy LGYE profiles

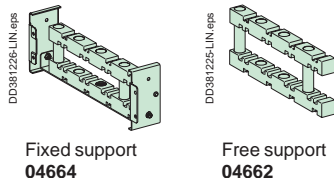
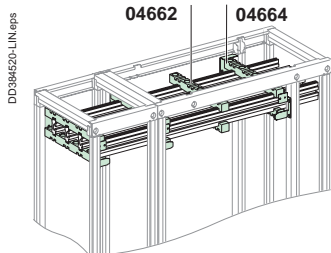
Installation in Prisma P and SFP/PH

Linergy profile, 2000 mm long, supplied with an end stop to wedge the profile in place



	630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3200 A	4000 A
Permissible current for an ambient temperature of 35 °C around the switchboard	630 A	800 A	1000 A	1250 A	1650 A	2000 A	2440 A	3200 A	3620
Number of profiles per phase	1					3		4	
Total number of vertical modules (50 mm)	3					3		4	
Cat. no.	04560	04561	04562	04563	04564	04565	04566	04567	04568

Busbar supports



Characteristics		2 fixed supports for 650 to 800 wide frame and 1 fixed support for 300 or 400 wide frame (2 when the busbar is at the bottom) are compulsory. If more supports are needed, add free support if necessary.								
Busbar supports 75 mm distance between	Number of supports	≤ 15	2							2
	≤ 25	2							2	
	depending on I _{cw} (kA rms/1 s)	≤ 30	2							2
	≤ 40	-	2							2
	≤ 50	-	2							2
	≤ 60	-	2+1							2
	≤ 65	-	2+1							2+1
	≤ 75	-	2+1							2+1
	≤ 85	-	2+1							2+1
≤ 100	-	-			2+2					
Cat. no.	Fixed support	04664	04664 + 04671 (fixings)				04664 + 04646 (sold in lots of 12 spacers)			
Cat. no.	Free support	04662	04662 + 04671 (fixings)				04662 + 04646 (sold in lots of 12 spacers)			











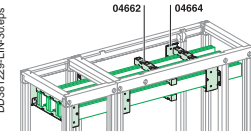
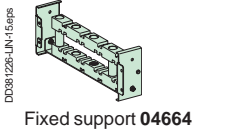
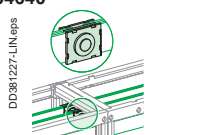
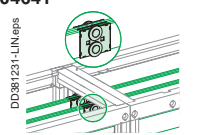
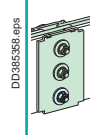
Joints



Cat. no.	04620	04623	04624
	3 x 04620 (3P) 4 x 04620 + 04624 (4P)		3 x 04621 (3P) 4 x 04621 + 04624 (4P)
			3 x 04623 (3P) 4 x 04623 + 04624 (4P)

Note Reference **04624** is compulsory when installing jointed Linergy LGYE 4P busbars and must be fitted where the frames meet. When installed at the bottom of a cubicle, the busbar must be partitioned.

Note: For accessories, see page 67.

Flat busbars											
Installation in Prisma P and SFP/FH		Up to 1600 A				Up to 4000 A					
Solid copper, 2000 mm long											
Permissible current for an ambient temp. of 35 °C around the switchboard	IP ≤ 31	800 A	1000 A	1400 A	1800 A	1800 A	2050 A	2300 A	2820 A	3300 A	3760 A
	IP > 31	750 A	900 A	1250 A	1600 A	1600 A	1850 A	2000 A	2500 A	2900 A	3340 A
Busbar cross-section (mm)		60 x 5	80 x 5	60 x 5	80 x 5	80 x 10	50 x 10	60 x 10	80 x 10	100 x 10	120 x 10
Number of busbars per phase		1	1	2	2	1	2	2	2	2	2
Total number of vertical modules (50 mm)		3				4					
Cat. no.		04536	04538	04536	04538	04548	04545	04546	04548	04550	04552
Busbar supports											
 Fixed support 04664		 Free support 04662									
In cubicle: Prisma P L650 or L650+150 or SFP L700/ PH with 75 mm distance between bars	Characteristics	2 fixed supports for SFP/PH 700 wide frame and Prisma P 650 or 650+150 are compulsory. 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add free supports.									
	Number of supports depending on l _{cw} (kA rms/1 s)	≤ 15	2		2						
	≤ 25	2+1	2								
	≤ 30	2+1	2								
	≤ 40	2+1	2								
	≤ 50	-	2+1		2+1		2				
	≤ 60	-			2+1						
	≤ 65	-			2+1						
	≤ 75	-			2+2		2+1				
	≤ 85	-					2+1				
	Cat. no.	Fixed support	04664		04664		04664		04664 + 04671 (fixings)		
		Free support	04662		04662		04662		04662 + 04671 (fixings)		
In duct: Prisma P L400 with 75 mm distance between bars	Number of supports depending on l _{cw} (kA rms/1 s)	≤ 25	1		1						
	≤ 40	2	1								
	≤ 50	2	2								
	≤ 85	-			2						
	Cat. no.	Fixed support	04664		04664		04664		04664 + 04671 (fixings)		
		Free support	04662		04662		04662		04662 + 04671 (fixings)		
In duct: Prisma P L300 or SFP L300/PH with 75 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	1		1						
	≤ 50	2	1								
	≤ 85	-			2						
	Cat. no. depending on depth	Fixed support	04664 (Prisma P) or NSYBHS500 (SFP/PH P500) or NSYBHS600 (SFP/PH P600) or NSYBHS800 (SFP/PH P800)		04664 (Prisma P) or NSYBHS500 (SFP/PH P500) or NSYBHS600 (SFP/PH P600) or NSYBHS800 (SFP/PH P800)		04664 (Prisma P) or NSYBHS500 (SFP/PH P500) or NSYBHS600 (SFP/PH P600) or NSYBHS800 (SFP/PH P800)		04664 (Prisma P) or NSYBHS500 (SFP/PH P500) or NSYBHS600 (SFP/PH P600) or NSYBHS800 (SFP/PH P800) + 04671 (fixings)		
		Free support	04662		04662		04662		04662 + 04671 (fixings)		
In SFP cubicle L700 with 115 mm distance between bars	Number depending on l _{cw} (kA rms/1 s)	≤ 30	-		2		2+1		2		
	≤ 40						2+1				
	≤ 60						2+2		2+1		
	≤ 75						-		2+2		2+1
	≤ 85										
	Cat. no.	Fixed support			NSYBHS800L		NSYBHS800L		NSYBHS800L + 04671 (fixings)		
		Free support			04678		04678		04678 + 04671 (fixings)		
In SFP L300 duct with 115 mm distance between bars	Number depending on l _{cw}	≤ 50	-		1						
	≤ 85				2						
	Cat. no.	Fixed support			NSYBHS800L		NSYBHS800L		NSYBHS800L + 04671 (fixings)		
		Free support			04678		04678		04678 + 04671 (fixings)		
Joints											
Sliding joints with self-breaking lock nut		 04640		 04641							
Cat. no. (1 joint per phase)		04640	04641	04640	04641	04641	04640	04640	04641	04641	04663
Note		When installed at the bottom of a cubicle, the busbar must be partitioned.									

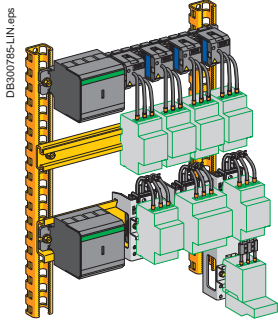


Lineryg HK

Quick connections

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Ratings	160 A
N° of poles	4P
N° of output / length	from 24 to 108 2P tap-offs from 12 to 54 3P/4P tap-offs
Output Section	Tap-offs : 16 and 32 A plates : 25 and 50 A
Fixation/ installation	on omega rail on plain or slotted backplate
Standards	"IEC 60439, UL 508, 2 marine certificates : DNV, LRS"

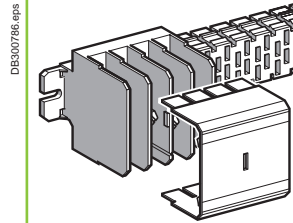


IEC 60439

Description

The assembly of automated control and distribution panels requires the use of products that are not only safe, but also simple and quick to mount and wire up. These pre-assembled busbar systems meet all these criteria.

Busbar systems



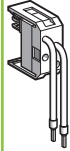
Number of conductors	4					
Number of tap-offs at 18 mm intervals	12	18	24	30	48	54
Length (mm)	344	452	560	668	992	1100
Suitable for mounting in enclosure width (mm)	600	800	800	800	1200	1200
References	AK5JB143	AK5JB144	AK5JB145	AK5JB146	AK5JB149	AK5JB1410

Technical data

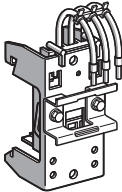
Busbar system characteristics						
Product certifications		UL, CSA, DNV, LROS				
Degree of protection	Against access to live parts	IPxxB conforming to IEC 60529				
Flame resistance	Conforming to IEC 60695	850 °C (incandescent wire)				
	Conforming to standard UL 94	V0				
Number of conductors	AK5 JB14●	4				
Supply current		~				
Rated operational current (Ie)	Ambient temperature 35 °C	160 A				
	K coefficient to be applied according to the ambient temperature	35 °C	40 °C	45 °C	50 °C	55 °C
Rated insulation voltage (Ui)	Conforming to IEC 60439-1	690 V AC				
	Conforming to UL and CSA	600 V AC				
Rated operational voltage (Ue)		Off-load plugging-in and unplugging, with power on				
	Conforming to IEC 60439-1	400 V AC				
	Conforming to UL, CSA	480 V AC				
		Plugging-in and unplugging, with power off				
	Conforming to IEC 60439-1	690 V AC				
	Conforming to UL, CSA	600 V AC				
Maximum permissible peak current		25 kA				
Maximum let-through energy (I ² t)		1 x 10 ⁷ A ² s				
Rated operational frequency		50 Hz or 60 Hz				
Upstream short-circuit ⁽¹⁾ and overload protection	Type of protection	Schneider Electric circuit-breaker			Fuses	
		NSX 160 N	NSX 160 H	aM	gF	
	Rating	160 A	160 A	160 A	160 A	
	Prospective short-circuit current	36 kA	70 kA	100 kA	100 kA	
	Operational current	160	160	160	160	
Supply incoming terminals		Maximum c.s.a.			Minimum c.s.a.	
	Flexible cable with cable end	70 mm ²			2.5	
	Solid cable	70 mm ²			2.5	
	Tightening torque	10 Nm				
Installation	Horizontal or vertical ⁽²⁾	Fixing with screws provided				

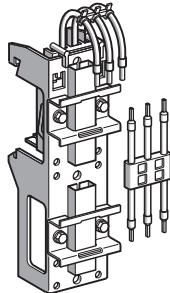
⁽¹⁾ For conditions where conditional short-circuit current exceeds 25 kA.

⁽²⁾ Using side stop **AK5 BT01** on mounting plates **AK5 PA**.

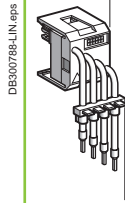
	Omega rail, width 75 mm	Removable power sockets			
		 DB300787.eps AK5PC12			
Number of poles		Single-phase + Neutral		2-phase	
Material and surface treatment	2 mm sheet steel				
Number of points used on the busbar system		1		1	
Rated operational current at 40 °C (Ie)		16 A	32 A	16 A	32 A
Length (mm)	2000 ⁽¹⁾	200	1000	200	1000
Depth (mm)	15				
Set of	6	6 ⁽²⁾	6 ⁽²⁾	6 ⁽³⁾	6 ⁽³⁾
References	AM1DL201	AK5PC12	AK5PC32L	AK5PC12PH	AK5PC32LPH

(1) Cut and drill to suit use. (2) Total of 6 sockets supplied: 2 sockets (N + L1), 2 sockets (N + L2), 2 sockets (N + L3).
 (3) Total of 6 sockets supplied: 2 sockets (L1 + L2), 2 sockets (L1 + L3), 2 sockets (L2 + L3).

	Component mounting plates incorporating tap-off				
	Single plate (height 105 mm)				
	 DB300788.eps AK5PA231				
Number of poles	Single-phase + Neutral			2-phase	
No. of 18 mm points used on the busbar system	3			3	
Rated operational current at 40 °C (Ie)	25 A	25 A	25 A	25 A	
Phase	L1 + N	L2 + N	L3 + N	L1 + L2	
Number of L-rails for component support	1	1	1	1	
References	AK5PA211N1	AK5PA211N2	AK5PA211N3	AK5PA211PH12	

	Component mounting plates incorporating tap-off					
	Double plate (height 190 mm)					
	 DB300790.eps AK5PA232					
Number of poles	Single-phase + Neutral			2-phase		
No. of 18 mm points used on the busbar system	3			3		
Rated operational current at 40 °C (Ie)	25 A	25 A	25 A	25 A	25 A	25 A
Phase	L1 + N	L2 + N	L3 + N	L1 + L2	L1 + L3	L2 + L3
Number of L-rails for component support	2	2	2	2	2	2
References	AK5PA212N1	AK5PA212N2	AK5PA212N3	AK5PA212PH12	AK5PA212PH13	AK5PA212PH23

AK5PC14



AK5GF1

3-phase			3-phase + Neutral			3-phase + Common	
2			2			2	
16 A	32 A		16 A	32 A		16 A (10 Common)	32 A (10 Common)
200	250	1000	200	250	1000	200	250
6	6	6	6	6	6	6	6
AK5PC13	AK5PC33	AK5PC33L	AK5PC14	AK5PC34	AK5PC34L	AK5PC131	AK5PC331

		3-phase	3-phase + Common	3-phase + Neutral
25 A	25 A	3	3	3
L1 + L3	L2 + L3	25 A	25 A	25 A
-	-	-	-	-
1	1	1	1	1
AK5PA211PH13	AK5PA211PH23	AK5PA231	AK5PA2311	AK5PA241

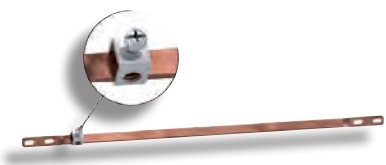
3-phase			3-phase + Neutral	3-phase + Common			3-phase + Neutral
3	6		3	3	6		6
25 A	25 A	50 A	25 A	25 A (10 Common)	25 A (10 Common)	50 A (10 Common)	50 A
-	-		-	-	-		-
2	2	1	2	2	2	1	1
AK5PA232	AK5PA232S	AK5PA532	AK5PA242	AK5PA2312	AK5PA2312S	AK5PA5312	AK5PA542



Linergy TB

Earth bars and PE conductors

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Linergy TR

Screw, spring and push-in terminal blocks

80



Screw terminal blocks selection guide p.80

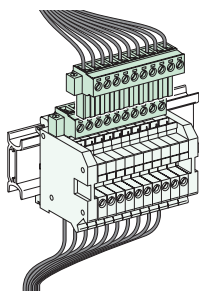
Spring terminal blocks selection guide p.102

Push-in terminal blocks selection guide p.120

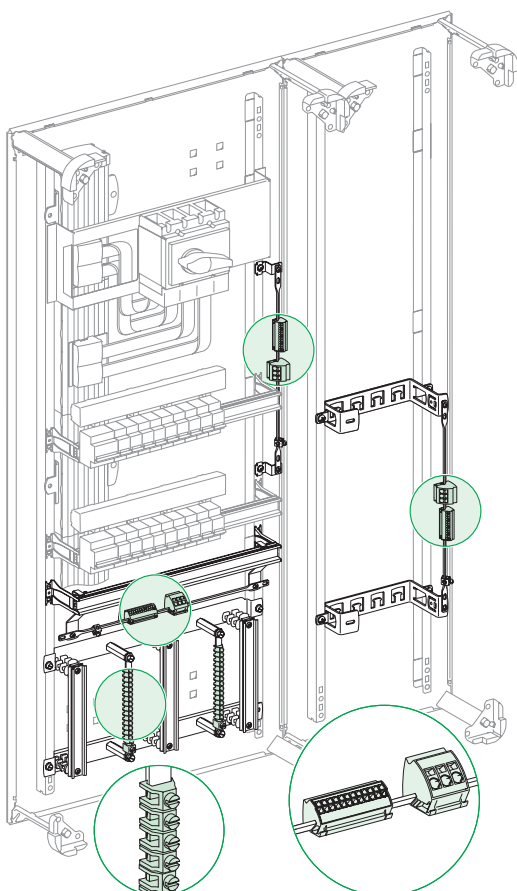
Linergy TA

Auxiliary connections

136



DD38501-LIN.eps



Description

This range of earth bars is installed:

- in the duct which can constitute a dedicated area, completely separate from the equipment
- or in the switchgear compartment, at the top or the bottom

Fast-connecting earth bar

PB502515-45-r.eps

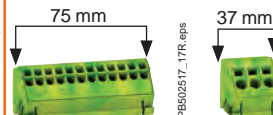


Copper earth bar

Cross-section (mm)	12 x 3
Effective length (mm)	330
Total length (mm)	450
Composition	Copper bar with 1 terminal 16 to 35 mm ²
Cat. no.	04201

Accessories

PB502516_17R-eps



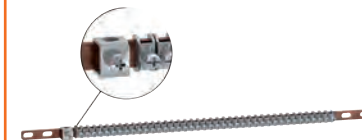
Earth blocks with terminals

Spring-fixing (clip onto the earth bar)

Total connection capacity	12 x 4 mm ²	3 x 16 mm ²
Composition	4 earth blocks	4 earth blocks
Cat. no.	04214	04215

Accessories

PB502518-45-r-eps

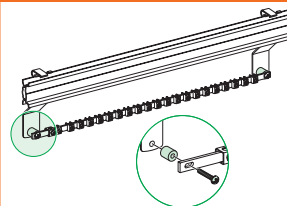


Earth bar with jumper

Total connection capacity	40 x 2.5 to 16 mm ²	20 x 2.5 to 16 mm ²
Cross-section (mm)	12 x 13	12 x 13
Length (mm)	450	200
Composition	40 jumpers and a terminal (16 to 35 mm ²)	20 jumpers and a terminal (16 to 35 mm ²)
Cat. no.	04200	04202

Accessories

DD381519-LIN-45-eps

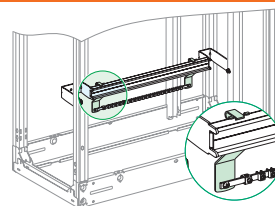


Neutral bar

Converts an earth bar to a neutral bar

Composition	2 insulating spacers
Cat. no.	04210

DD381517-LIN-eps

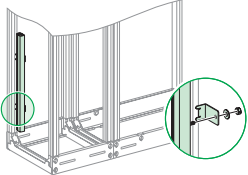
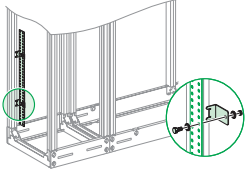
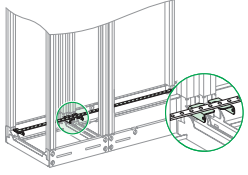


Earth bar

2 supports for earth bar on modular rail

Cat. no. 04205

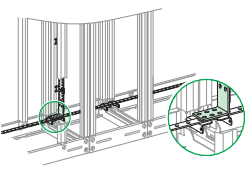

PE conductors

			
	Vertical PE conductor with Linyer LGY profile (W = 1670 mm)	Vertical PE conductor with Linyer BS busbar (W = 1675 mm)	Horizontal PE conductor with Linyer BS busbar
Rated short-time current (I _{cs})	≤ 40	> 40	≤ 40
Permissible current (A)	630	800	> 40
Cross-section (mm)		25 x 5	50 x 5
Cat. no.	04502	04503	04512

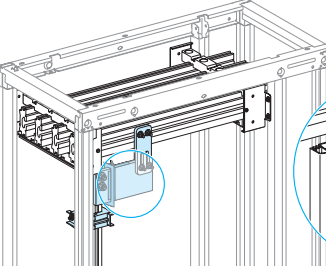
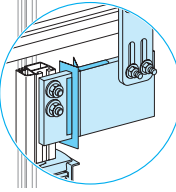

Support selection

Composition	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework	Two supports for a horizontal PE
Cat. no.	04657	04657	04667

Connection between PE conductors









		
Composition	2	Linyer connection hardware 20 M8 screws (W = 25 mm) + 20 nuts + 20 contact washers for connection to cable lugs or flexible bars
Cat. no.	04672	04766

PEN conductors

			
Cat. no.	04656	04636	04602

Description

- **NSYTRV** screw technology terminal blocks are components that are well established throughout the world and are suitable for the vast majority of connection applications, due to their wide range of functions and connection possibilities.
- **NSYTRV** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.




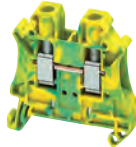
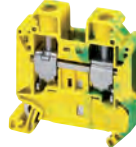
		Passthrough				
		Passthrough				
						
	Nominal c.s.a (mm ²)	2.5	4	6	10 and 16	35 to 70
Number of poles	1 - 1 x 1	NSYTRV22	NSYTRV42	NSYTRV62	NSYTRV102 NSYTRV162	NSYTRV352 NSYTRV502 NSYTRV702
	2 - 1 x 1	-	-	-	-	-
	3 - 1 x 1	-	-	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
	With LED	-	-	-	-	-
Colours	Grey	■	■	■	■	■
	Blue	NSYTRV22BL	NSYTRV42BL	NSYTRV62BL	NSYTRV102BL NSYTRV162BL	NSYTRV352BL NSYTRV502BL
	Green/yellow (PE)	-	-	-	-	-
	Orange	NSYTRV22AR	NSYTRV42AR	-	-	-
	Red	NSYTRV22RD	NSYTRV42RD	-	-	-
	Green	-	NSYTRV42GN	-	-	-
	White	NSYTRV22WH	NSYTRV42WH	-	-	-
	Black	-	NSYTRV42BK	-	-	-
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages		84	84	84	85	85/86



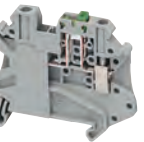





PB502410-70.eps



Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

Lug-lug Lug-connector		Protective earth			
 <small>P8602198-20.eps</small>	 <small>P8602174-20.eps</small>	 <small>P8602176-20.eps</small>	 <small>P8602175-20.eps</small>	 <small>P8602185-20.eps</small>	
95 and 150	2.5	4	6 and 10	16 to 50	
NSYTRV952BB NSYTRV952BC NSYTRV1502BB	NSYTRV22PE	NSYTRV42PE	NSYTRV62PE NSYTRV102PE	NSYTRV162PE NSYTRV352PE NSYTRV502PE	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	NSYTRV43PE	-	-	
-	-	NSYTRV44PE	-	-	
-	-	-	-	-	
■	-	-	-	-	
-	-	-	-	-	
-	■	■	■	■	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
-	-	-	-	-	
■	■	■	■	■	
■	■	■	■	■	
-	-	-	-	-	
-	-	-	-	-	
86/87	88	88	88/89	89	





		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		4	2.5 and 4	4	4 and 16	4
Number of poles	1 - 1 x 1	-	-	NSYTRV42SC NSYTRV42ST	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV42TB
	2 - 1 x 1	-	NSYTRV24D NSYTRV44D	NSYTRV42SCD	-	-
	3 - 1 x 1	-	NSYTRV26T	-	-	-
	5 - 1 x 1	-	-	-	-	-
	10 - 1 x 1	-	-	-	-	-
	1 - 1 x 2	NSYTRV43	-	-	-	-
	1 - 2 x 2	NSYTRV44	-	-	-	-
	With LED	-	-	-	NSYTRV42SF5LD NSYTRV42SF6LD	-
Colours	Grey	■	■	■	-	■
	Blue	-	-	■	-	-
	Green/yellow (PE)	NSYTRV43PE NSYTRV44PE	NSYTRV24DPE NSYTRV44DPE	-	-	-
	Orange	■	-	NSYTRV42STAR	-	-
	Red	■	-	-	-	-
	Green	-	-	-	-	-
	White	-	-	-	-	-
	Black	■	-	-	-	■
Mounting on	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages	90	91	94	95	94	

Flexible plug-in bridge system





The **NSYTRAL** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal). This way the power distribution terminal blocks can be quickly setup.



	Measuring	For neutral conductors	Miniature	DB6		
			Passthrough	With Telequick universal foot		
						
	6	4 to 10	2.5 and 4	4	6	16 and 35
	NSYTRV62TTD	NSYTRV42NE NSYTRV62NE	NSYTRV22M NSYTRV42M	-	-	DB6ED01 DB6FD01
	-	-	-	DB6CD102	DB6DD102	-
	-	-	-	-	DB6DD103	-
	-	-	-	DB6CD105	-	-
	-	-	-	DB6CD110	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	-	■	■	■	■
	-	■	NSYTRV22MBL NSYTRV42MBL	-	-	-
	NSYTRV62TTPE	-	NSYTRV22MPE NSYTRV42MPE	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	■	■	-	■	■	■
	■	■	-	■	■	■
	-	-	-	■	■	■
	-	-	■	-	-	-
	96	98	100/101	-	-	-

Screw terminal blocks - Passthrough

							
		NSYTRV22	NSYTRV42	NSYTRV62			
Nominal c.s.a.		2.5 mm ²	4 mm ²	6 mm ²			
	Type of block	Passthrough	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Grey	Grey	Grey			
Max. electric values (U _{max} , I _{max})		1000 V, 32 A	1000 V, 41 A	1000 V, 57 A			
Dimensions (mm)							
	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
Cabling c.s.a. (mm ²)		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
Nominal electric values							
	IEC/EN 60947-7-1	1000 V, 24 A	1000 V, 32 A	1000 V, 41 A			
	UL	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG			
	CSA	600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 50 A, 24 - 8 AWG			
	ATEX 	690 V, 22 A	690 V, 30 A	690 V, 40 A			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV22	50	NSYTRV42	50	NSYTRV62
	Blue	50	NSYTRV22BL	50	NSYTRV42BL	50	NSYTRV62BL
	Orange	50	NSYTRV22AR	50	NSYTRV42AR	-	-
	Red	50	NSYTRV22RD	50	NSYTRV42RD	-	-
	Green	-	-	-	NSYTRV42GN	-	-
	White	50	NSYTRV22WH	50	NSYTRV42WH	-	-
	Black	-	-	-	NSYTRV42BK	-	-
Accessories							
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
width 2.2 mm	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate,	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
width 2 mm	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge	Red	2-pole	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
		3-pole	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
		4-pole	NSYTRAL24	50	NSYTRAL44	-	-
		5-pole	NSYTRAL25	50	NSYTRAL45	-	-
		10-pole	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
		20-pole	NSYTRAL220	10	NSYTRAL420	-	-
	Blue	10-pole	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL610BL
	Grey	10-pole	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL610GR
Step-down bridge,	Screw to screw terminal	-	-	-	-	10	NSYTRALV62
down to 2.5/4 mm ²	Screw to spring terminal	-	-	-	-	10	NSYTRALVR62
Vertical bridge	1-pole	-	-	-	-	-	-
Pick-off terminal	Grey	-	-	-	-	-	-
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAF1	10	NSYTRAF1	10	NSYTRAF1
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 132					
General data							
	Strip length (mm)	9	9	9	10		
	Screw thread	M3	M3	M3	M4		
	Torque (N.m)	0.5 - 0.6	0.6 - 0.8	0.6 - 0.8	1.5 - 1.8		

(1) Screw bridge.

PB502173-20.eps



PB502189-20.eps



PB502190-20.eps



PB502194-20.eps



NSYTRV102	NSYTRV162	NSYTRV352	NSYTRV502
10 mm ²	16 mm ²	35 mm ²	50 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey	Grey	Grey
1000 V, 76 A	1000 V, 101 A	1000 V, 125 A	1000 V, 150 A

47.7	55.5	60.2	70.5
47.5	55	65.7	83.5
10.2	12.2	16	20
10	16	35	50
0.5 - 16	1.5 - 25	1.5 - 50	25 - 70
0.5 - 16	1.5 - 25	1.5 - 50	16 - 70

1000 V, 57 A	1000 V, 76 A	1000 V, 125 A	1000 V, 150 A
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
600 V, 65 A, 20 - 6 AWG	600 V, 85 A, 16 - 4 AWG	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG
690 V, 54 A	690 V, 73 A	690 V, 126 A	690 V, 137 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102	50	NSYTRV162	50	NSYTRV352	10	NSYTRV502
50	NSYTRV102BL	50	NSYTRV162BL	50	NSYTRV352BL	10	NSYTRV502BL
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	10	NSYTRAL502 ⁽¹⁾
-	-	-	-	-	-	10	NSYTRAL503 ⁽¹⁾
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRALV102	10	NSYTRALV162	10	NSYTRALV352	-	-
10	NSYTRALVR102	10	NSYTRALVR162	10	NSYTRALVR352	-	-
-	-	-	-	-	-	-	-
-	-	10	NSYTRAPT16	10	NSYTRAPT35	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	-	-
10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

10	14	18	24
M4	M5	M6	M6
1.5 - 1.8	2.5 - 3	3.2 - 3.7	6 - 8

Screw terminal blocks - High current



PE50231-20.eps



PE502198-30.eps

		NSYTRV702	NSYTRV952BB		
Nominal c.s.a.		70 mm ²	95 mm ²		
	Type of block	Passthrough	Passthrough - lug to lug		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Color	Grey	Grey		
Max. electric values		1000 V, 192 A	1000 V, 232 A		
Dimensions (mm)					
	Length	70.5	110		
	Height	87.5	56		
	Width	20.3	40		
Cabling c.s.a. (mm ²)		70	95		
	Flexible cable	25 - 70	35 - 95		
	Solid cable	16 - 95	25 - 95		
Nominal electric values					
	IEC/EN 60947-7-1	1000 V, 192 A	1000 V, 232 A		
	UL	600 V, 192 A, 4 - 3/0 AWG	600 V, 230 A, 2 - 4/0 AWG		
	CSA	600 V, 192 A, 4 - 3/0 AWG	600 V, 230 A, 2 - 4/0 AWG		
	ATEX Ⓜ	-	-		
Certifications		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, GL, GOST		
Terminal blocks					
	Grey	Sold in lots of 10	Unit reference NSYTRV702	Sold in lots of 10	Unit reference NSYTRV952BB
	Blue	-	-	-	-
Accessories					
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate	Grey	-	Included	-	-
Partition plate	Grey	-	-	10	NSYTRAC952
Screw bridge	2-pole	10	NSYTRAL702	10	NSYTRAL952
	3-pole	-	-	-	-
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	-	-	-	-
Cover	Grey	-	-	10	NSYTRACP1
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 132			
General data					
	Strip length (mm)	24		29	
	Screw thread	M8		M12	
	Torque (N.m)	08 - 10		25 - 30	





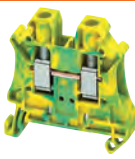


PB502353-30.eps

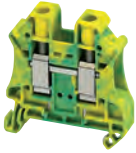
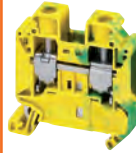



PB502200-30.eps

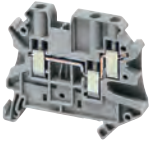
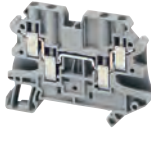

NSYTRV952BC		NSYTRV1502BB	
95 mm ²		150 mm ²	
Passthrough - lug to connector		Passthrough - lug to lug	
1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey	
1000 V, 232 A		1000 V, 309 A	
114		119	
86		100	
40		46	
95		150	
35 - 95		50 - 150	
25 - 95		35 - 150	
1000 V, 232 A		1000 V, 309 A	
600 V, 230 A, 2 - 4/0 AWG		600 V, 285 A, 2 - 300 AWG/kcmil	
600 V, 230 A, 2 - 4/0 AWG		600 V, 285 A, 2 - 300 AWG/kcmil	
-		-	
UL, CSA, GL, GOST		UL, CSA, GL	
Sold in lots of	Unit reference	Sold in lots of	Unit reference
10	NSYTRV952BC	10	NSYTRV1502BB
-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
-	-	-	-
10	NSYTRAC952	10	NSYTRAC952
10	NSYTRAL952	10	NSYTRAL1502
-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
-	-	-	-
10	NSYTRACP1	10	NSYTRACP2
100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD
29		29	
M8 / M12		M12	
15 - 20 / 25 - 30		25 - 30	

Screw terminal blocks - Protective earth

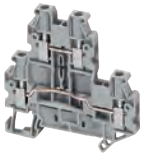
							
		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE			
Nominal c.s.a.		2.5 mm ²	4 mm ²	6 mm ²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
	Length	47.7	47.7	47.7			
	Height	47.5	47.5	47.5			
	Width	5.2	6.2	8.2			
Cabling c.s.a. (mm ²)		2.5	4	6			
	Flexible cable	0.14 - 4	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 4	0.14 - 6	0.2 - 10			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	CSA	26 - 12 AWG	26 - 10 AWG	24 - 8 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRV22PE	Sold in lots of 50	Unit reference NSYTRV42PE	Sold in lots of 50	Unit reference NSYTRV62PE
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	50	NSYTRAP22BL
Plug-in bridge	Red	2-pole	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
		3-pole	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
		4-pole	NSYTRAL24	50	NSYTRAL44	-	-
		5-pole	NSYTRAL25	50	NSYTRAL45	-	-
		10-pole	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
		10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS6
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 132					
General data							
	Strip length (mm)	9	9	9	10	10	10
	Screw thread	M3	M3	M3	M4	M4	M4
	Torque (N.m)	0.5 - 0.6	0.6 - 0.8	0.6 - 0.8	1.5 - 1.8	1.5 - 1.8	1.5 - 1.8

PB602185-20.eps		PB602185-20.eps		PB602177-20.eps		PB602185-20.eps	
							
NSYTRV102PE		NSYTRV162PE		NSYTRV352PE		NSYTRV502PE	
10 mm ²		16 mm ²		35 mm ²		50 mm ²	
Protective earth		Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-		-	
47.7		55		65.7		70.5	
47.5		55.5		60.2		83.5	
10.2		12.2		16		20	
10		16		35		50	
0.5 - 16		1.5 - 25		1.5 - 35		25 - 70	
0.5 - 16		1.5 - 25		1.5 - 35		16 - 70	
76 A		101 A		125 A		150 A	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
20 - 6 AWG		16 - 4 AWG		14 - 1/0 AWG		6 - 1/0 AWG	
-		-		-		-	
UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST		UL, CSA, VDE, ATEX, IECEx, GL, GOST		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV102PE	50	NSYTRV162PE	50	NSYTRV352PE	50	NSYTRV502PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRAC22	50	NSYTRAC162	-	Included	-	Included
50	NSYTRAC22BL	-	-	-	-	-	-
50	NSYTRAP22	-	-	-	-	-	-
50	NSYTRAP22BL	-	-	-	-	-	-
10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL352	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10	10	NSYTRACS10
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD
10		14		18		24	
M4		M5		M6		M6	
1.5 - 1.8		2.5 - 3		3.2 - 3.7		6 - 8	

Screw terminal blocks - Double deck passthrough

						
		NSYTRV43	NSYTRV44			
Nominal c.s.a.		4 mm ²	4 mm ²			
	Type of block	Passthrough - Multi-pole	Passthrough - Multi-pole			
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Grey	Grey			
Max. electric values (U _{max} , I _{max})		500 V, 41 A	500 V, 39 A			
Dimensions (mm)						
	Length	57.8	65.4			
	Height	47.5	47.5			
	Width	6.2	6.2			
Cabling c.s.a. (mm ²)		4	4			
	Flexible cable	0.14 - 6	0.14 - 6			
	Solid cable	0.14 - 6	0.14 - 6			
Nominal electric values						
	IEC/EN 60947-7-1	500 V, 32 A	500 V, 32 A			
	UL	150 V, 30 A, 26 - 10 AWG	150 V, 30 A, 26 - 10 AWG			
	CSA	150 V, 30 A, 26 - 10 AWG	150 V, 30 A, 26 - 10 AWG			
	ATEX 	352 V, 29 A	352 V, 29 A			
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRV43	50	NSYTRV44	
	Blue	50	NSYTRV43BL	50	NSYTRV44BL	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRAC23	50	NSYTRAC24	
	Grey, partial plate	-	-	-	-	
Partition plate, width 2 mm	Grey	50	NSYTRAP23	50	NSYTRAP24	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL42	50	NSYTRAL42
		3-pole	50	NSYTRAL43	50	NSYTRAL43
		4-pole	50	NSYTRAL44	50	NSYTRAL44
		5-pole	50	NSYTRAL45	50	NSYTRAL45
		10-pole	10	NSYTRAL410	10	NSYTRAL410
		20-pole	10	NSYTRAL420	10	NSYTRAL420
Vertical bridge	1-pole	-	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACS4	10	NSYTRACS4	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	9		9		
	Screw thread	M3		M3		
	Torque (N.m)	0.6 - 0.8		0.6 - 0.8		

PB502187-20.eps



PB502188-20.eps



PB502315-20.eps






NSYTRV24D	NSYTRV44D	NSYTRV26T
2.5 mm ²	4 mm ²	2.5 mm ²
Passthrough - Double deck	Passthrough - Double deck	Passthrough - Triple deck
2 pole - 1 x 1	2 pole - 1 x 1	3 pole - 1 x 1
Grey	Grey	Grey
500 V, 28 A	800 V, 36 A	500 V, 24 A
69.9	69.9	90
65	65	77.5
5.2	6.2	5.2
2.5	4	2.5
0.14 - 4	0.14 - 6	0.14 - 4
0.14 - 4	0.14 - 6	0.14 - 4
500 V, 24 A	800 V, 30 A	500 V, 20 A
600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG
600 V, 20 A, 26 - 12 AWG	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG
352 V, 20 A	440 V, 25.5 A	-
UL, CSA, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24D	50	NSYTRV44D	50	NSYTRV26T
50	NSYTRV24DBL	50	NSYTRV44DBL	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACE24	50	NSYTRACE24	50	NSYTRACE26
50	NSYTRACEP24	50	NSYTRACEP24	-	-
50	NSYTRAPE24	50	NSYTRAPE24	-	-
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220
50	NSYTRALV24	50	NSYTRALV24	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACS2	10	NSYTRACS4	10	NSYTRACS2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

9		9		9	
M3		M3		M3	
0.5 - 0.6		0.6 - 0.8		0.5 - 0.6	

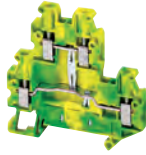
Screw terminal blocks - Double deck protective earth

					
		PE502184-20.eps	PE502184-20.eps		
		NSYTRV43PE	NSYTRV44PE		
Nominal c.s.a.		4 mm ²	4 mm ²		
	Type of block	Protective earth - Multi-pole	Protective earth - Multi-pole		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Green/Yellow	Green/Yellow		
Max. electric values		-	-		
Dimensions (mm)					
	Length	57.8	65.4		
	Height	47.5	47.5		
	Width	6.2	6.2		
Cabling c.s.a. (mm ²)		4	4		
	Flexible cable	0.14 - 6	0.14 - 6		
	Solid cable	0.14 - 6	0.14 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	-	-		
	UL	26 - 12 AWG	26 - 12 AWG		
	CSA	26 - 12 AWG	26 - 12 AWG		
	ATEX 	-	-		
Certifications		UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST		
Terminal blocks					
Green/Yellow		Sold in lots of 50	Unit reference NSYTRV43PE	Sold in lots of 50	Unit reference NSYTRV44PE
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
End plate,	Grey	50	NSYTRAC23	50	NSYTRAC24
width 2.2 mm	Grey, partial plate	-	-	-	-
Partition plate,	Grey	50	NSYTRAP23	50	NSYTRAP24
width 2 mm	Blue	-	-	-	-
Plug-in bridge	Red	50	NSYTRAL42	50	NSYTRAL42
	3-pole	50	NSYTRAL43	50	NSYTRAL43
	4-pole	50	NSYTRAL44	50	NSYTRAL44
	5-pole	50	NSYTRAL45	50	NSYTRAL45
	10-pole	10	NSYTRAL410	10	NSYTRAL410
	20-pole	10	NSYTRAL420	10	NSYTRAL420
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	100	NSYTRACS4	100	NSYTRACS4
Marker tag holder	For ●AB35 end stop	20	NSYTRASB4	20	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 132			
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (N.m)	0.6 - 0.8		0.6 - 0.8	

PE502192-20.eps



PE502191-20.eps

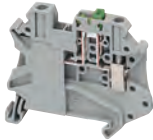





NSYTRV24DPE	NSYTRV44DPE
2.5 mm ²	4 mm ²
Protective earth - Double deck	Protective earth - Double deck
1 pole - 2 x 2	1 pole - 2 x 2
Green/Yellow	Green/Yellow
-	-
69.9	69.9
65	65
5.2	6.2
2.5	4
0.14 - 4	0.14 - 6
0.14 - 4	0.14 - 6
-	-
26 - 12 AWG	26 - 10 AWG
26 - 12 AWG	26 - 10 AWG
-	-
UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST





Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRV24DPE	50	NSYTRV44DPE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACE24	50	NSYTRACE24
50	NSYTRACEP24	50	NSYTRACEP24
50	NSYTRAPE24	50	NSYTRAPE24
-	-	-	-
50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRACS2	100	NSYTRACS4
20	NSYTRASB4	20	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD

9	9
M3	M3
0.5 - 0.6	0.6 - 0.8

Screw terminal blocks - Disconnect

								
		NSYTRV42SC	NSYTRV42TB	NSYTRV42SCD				
Nominal c.s.a.		4 mm ²	4 mm ²	4 mm ²				
	Type of block	Disconnect (blade)	Disconnect (for carrier)	Disconnect - Double deck				
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	2 pole - 1 x 1				
	Colour	Grey	Grey	Grey				
Max. electric values (U _{max} , I _{max})		500 V, 20 A	400 V, 20 A	500 V, 38 A				
Dimensions (mm)								
	Length	57.8	57.8	69.9				
	Height	49.1	47.5	65				
	Width	6.2	6.2	6.2				
Cabling c.s.a. (mm ²)		4	4	4				
	Flexible cable	0.14 - 6	0.14 - 6	0.14 - 6				
	Solid cable	0.14 - 6	0.14 - 6	0.14 - 6				
Nominal electric values								
	IEC/EN 60947-7-1	500 V, 20 A	500 V, 20 A	500 V, 30 A				
	UL	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG				
	CSA	600 V, 16 A, 26 - 10 AWG	600 V, 16 A, 26 - 10 AWG	300 V, 30 A, 26 - 10 AWG				
	ATEX 	-	-	-				
Certifications		UL, CSA, GOST	UL, CSA, GOST	UL, CSA, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRV42SC	50	NSYTRV42TB	50	NSYTRV42SCD	
	Grey, with test points	50	NSYTRV42ST	-	-	-	-	
	Orange, with test points	50	NSYTRV42STAR	-	-	-	-	
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	-	Included	-	Included	50	NSYTRACE24	
	Grey, partial plate	-	-	-	-	50	NSYTRACEP24	
Partition plate, width 2 mm	Grey	50	NSYTRAP23	50	NSYTRAP23	50	NSYTRAPE24	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red 2-pole	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	
	3-pole	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	
	4-pole	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	
	5-pole	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	
	10-pole	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	
	20-pole	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	
Vertical bridge	1-pole	-	-	-	-	-	-	
Removable carrier	For fuse 5 x 20 mm	-	-	10	NSYTRASF520	-	-	
	For fuse 5 x 20 mm 110 - 250 V LED	-	-	10	NSYTRASF520M	-	-	
	For fuse 5 x 20 mm 12 - 30 V LED	-	-	10	NSYTRASF520B	-	-	
	For component	-	-	10	NSYTRASV1	-	-	
	With 1N4007 diode	-	-	10	NSYTRASV2	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACS4	10	NSYTRACS4	10	NSYTRACS4	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132						
General data								
	Strip length (mm)	9		9		9		
	Screw thread	M3		M3		M3		
	Torque (N.m)	0.6 - 0.8		0.6 - 0.8		0.6 - 0.8		

Screw terminal blocks - Fuse disconnect

								
		PE602196-20.eps	PE602196-20.eps	PE602196-20.eps				
		NSYTRV162SF	NSYTRV42SF5	NSYTRV42SF6				
Nominal c.s.a.		16 mm ²	4 mm ²	16 mm ²				
	Type of block	Disconnect (fixed carrier)	Disconnect (Lever-type fuse)	Disconnect (Lever-type fuse)				
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1				
	Type of fuse	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 5 x 20 mm	G-fuse cartridge 6.3 x 32 mm				
	Colour	Black	Black	Black				
Max. electric values (U _{max} , I _{max})		500 V, 10 A	500 V, 6.3 A	500 V, 10 A				
Dimensions (mm)								
Length		62	72.5	79				
Height		57.2	56.5	60.5				
Width		12	8.2	10.2				
Cabling c.s.a. (mm ²)		16	4	16				
	Flexible cable	0.5 - 16	0.2 - 4	0.5 - 16				
	Solid cable	0.5 - 16	0.2 - 4	0.5 - 16				
Nominal electric values								
IEC/EN 60947-7-1		500 V, 10 A	500 V, 6.3 A	500 V, 10 A				
UL		300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG				
CSA		300 V, 20 A, 24 - 6 AWG	600 V, 12 A, 26 - 10 AWG	600 V, 10 A, 26 - 8 AWG				
ATEX 		-	-	-				
Certifications		UL, CSA, LR, DNV, GOST	UL, CSA, GOST	UL, CSA, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
Black		50	NSYTRV162SF	50	NSYTRV42SF5	50	NSYTRV42SF6	
Black, with light indicator, 12-30 V AC/DC ⁽¹⁾		-	-	50	NSYTRV42SF5LD	50	NSYTRV42SF6LD	
Black, with light indicator, 110-250 V AC/DC ⁽²⁾		-	-	50	NSYTRV42SF5LA	50	NSYTRV42SF6LA	
Accessories								
End stop for 35 mm DIN rail	Clip-on. 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw. 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	-	Included	-	Included	-	Included	
	Grey. partial plate	-	-	-	-	-	-	
Vertical bridge	1-pole	-	-	-	-	-	-	
Screw bridge	2-pole	10	NSYTRALF1610	-	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	-	-	-	-	-	-	
Warning label	Yellow	-	-	-	-	-	-	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132						
General data								
Strip length (mm)		11	8	9				
Screw thread		M4	M3	M3				
Torque (N.m)		1.5 - 1.8	0.5 - 0.8	0.6 - 0.8				

(1) If the fuse is faulty, the downstream circuit is not off load.

(2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.

Screw terminal blocks - Measuring terminals

PE502209-35.eps

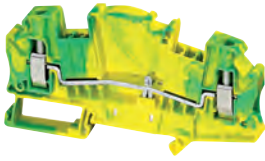


PE502211-35.eps



		NSYTRV62TTD	NSYTRV62TT			
Nominal c.s.a.		6 mm ²	6 mm ²			
	Type of block	Knife disconnect	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Grey	Grey			
Max. electric values (U _{max} , I _{max})		500 V, 30 A	500 V, 30 A			
Dimensions (mm)						
	Length	100.8	100.8			
	Height	49.6	49.6			
	Width	8.2	8.2			
Cabling c.s.a. (mm ²)		6	6			
	Flexible cable	0.2 - 10	0.2 - 10			
	Solid cable	0.2 - 10	0.2 - 10			
Nominal electric values						
	IEC/EN 60947-7-1	500 V, 30 A	500 V, 30 A			
	UL	600 V, 30 A, 24 - 8 AWG	600 V, 30 A, 24 - 8 AWG			
	CSA	600 V, 30 A, 24 - 8 AWG	600 V, 30 A, 24 - 8 AWG			
	ATEX	-	-			
Certifications		UL, CSA, GOST	UL, CSA, GOST			
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRV62TTD	50	NSYTRV62TT	
	Green/Yellow	-	-	-	-	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACT22	50	NSYTRACT22	
	Blue	-	-	-	-	
Switching jumper, pluggable	2 points	10	NSYTRASJ2	10	NSYTRASJ2	
	3 points	10	NSYTRASJ3	10	NSYTRASJ3	
	4 points	10	NSYTRASJ4	10	NSYTRASJ4	
Plug-in bridge	Red	2-pole	10	NSYTRAL62	10	NSYTRAL62
		3-pole	10	NSYTRAL63	10	NSYTRAL63
		4-pole	-	-	-	-
		5-pole	-	-	-	-
		10-pole	10	NSYTRAL610	10	NSYTRAL610
Switching lock	Pluggable	10	NSYTRASJ6	10	NSYTRASJ6	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test plug adaptor For plug-in bridge shaft	Grey	10	NSYTRAFT	10	NSYTRAFT	
	Orange	10	NSYTRAFTAR	10	NSYTRAFTAR	
	Yellow	10	NSYTRAFTYE	10	NSYTRAFTYE	
	Green	10	NSYTRAFTGN	10	NSYTRAFTGN	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	10		10		
	Screw thread	M4		M4		
	Torque (N.m)	1.5 - 1.8		1.5 - 1.8		

PB502212-35.eps



NSYTRV62TTPE

6 mm²
Protective earth
1 pole - 1 x 1
Green/Yellow
-

100.8
49.6
8.2
6
0.2 - 10
0.2 - 10

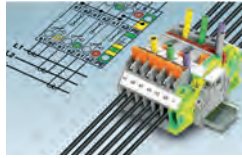
-
24 - 8 AWG
24 - 8 AWG
-
UL, CSA, GOST

Sold in lots of	Unit reference
-	-
50	NSYTRV62TTPE

50	NSYTRAAB35
50	NSYTRAABV35
50	NSYTRACT22
-	-
-	-
-	-
-	-
10	NSYTRAL62
10	NSYTRAL63
-	-
-	-
10	NSYTRAL610
-	-
10	NSYTRAATM1
10	NSYTRAATP1
10	NSYTRAFT
10	NSYTRAFTAR
10	NSYTRAFTYE
10	NSYTRAFTGN
100	NSYTRASB4
20	NSYSDR200BD

10
M4
1.5 - 1.8

PB502255-35.eps



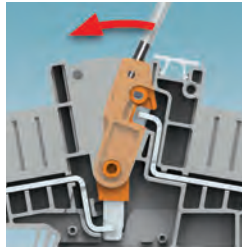
Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.

PB502359-32.eps



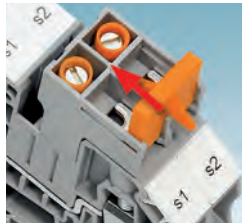
The new **NSYTRV62TT** measuring transducer disconnect terminal blocks with screw connection technology are characterised by easy operation and clarity. All switching statuses are instantly clearly visible. Due to the extensive range of flexible accessories, costs and time are saved when executing all transducer test circuit tasks.

PB502358-33.eps



The longitudinal isolating switch contacts snap safely into their respective switching state. Imprinted switching symbols ensure clarity. The optional switching lock snaps in and effectively prevents accidental switching. For simultaneous actuation, two switches can be connected to each other using a connection bridge.

PB502356-33.eps



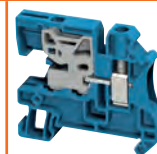
The **NSYTRASJ** switch jumpers can be placed on both sides of the disconnect point in the bridge shaft and can be securely snapped in irrespective of the terminal strip configuration. The bridge for the transformer short-circuit can be securely engaged in the end positions and screw terminal points are used to make contact.

Screw terminal blocks - Neutral disconnect

PB502221-20.eps



PB502222-20.eps



		NSYTRV42NE	NSYTRV62NE			
Nominal c.s.a.		4 (6) mm ²	6 (10) mm ²			
	Type of block	Neutral disconnect	Neutral disconnect			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1			
	Colour	Blue	Blue			
Max. electric values (U _{max} , I _{max})		250 V, 32 A	400 V, 41 A			
Dimensions (mm)						
	Length	55	55			
	Height	47,5	47,5			
	Width	6,2	8,2			
Cabling c.s.a. (mm ²)		4	6			
	Flexible cable	0.14 - 6	0.2 - 10			
	Solid cable	0.14 - 6	0.2 - 10			
Nominal electric values						
	IEC/EN 60947-7-1	250 V, 32 A	400 V, 41 A			
	UL	-	-			
	CSA	-	-			
	ATEX	-	-			
Certifications		GOST	GOST			
Terminal blocks						
	Blue	Sold in lots of 50	Unit reference NSYTRV42NE	Sold in lots of 50	Unit reference NSYTRV62NE	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRAC22	50	NSYTRAC22	
	Blue	50	NSYTRAC22BL	50	NSYTRAC22BL	
Partition plate, width 2 mm	Grey	50	NSYTRAP22	50	NSYTRAP22	
	Blue	50	NSYTRAP22BL	50	NSYTRAP22BL	
Plug-in bridge	Red	2-pole	50	NSYTRAL42	10	NSYTRAL62
		3-pole	50	NSYTRAL43	10	NSYTRAL63
		4-pole	50	NSYTRAL44	-	-
		5-pole	50	NSYTRAL45	-	-
		10-pole	10	NSYTRAL410	10	NSYTRAL610
		20-pole	10	NSYTRAL420	-	-
Copper neutral bar	1 m long, 10 x 3 mm	10	NSYTRACB103	10	NSYTRACB103	
Terminal clamp for neutral bar		25	NSYBPCH516	25	NSYBPCH516	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve. red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated. 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	9		10		
	Screw thread	M3		M4		
	Torque (N.m)	0.6 - 0.8		1.5 - 1.8		



PB502357-35.eps



All **NSYTRV●●NE** disconnect terminal blocks have a screwless disconnect slide. When this is levered over with a standard screwdriver, the contact fork slides onto the busbar.








The slide engages in the end positions to provide additional protection against accidental actuation. The shape of the **NSYTRV●●NE** disconnect terminal blocks is the same as for the screw terminal blocks **NSYTRV**.

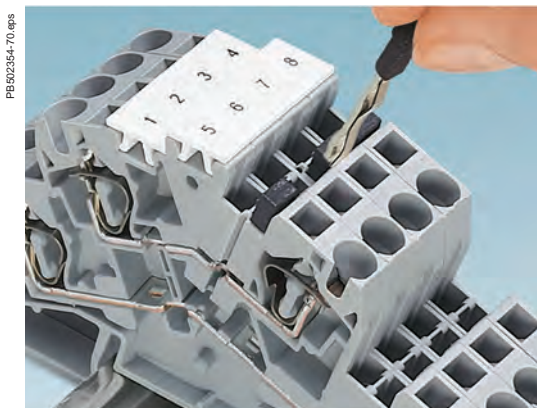


Screw terminal blocks - Miniature protective earth			
PB502335-18.eps		PB502335-18.eps	
	NSYTRV22MPE		NSYTRV42MPE
	2.5 mm ²		4 mm ²
	Protective earth		Protective earth
	1 pole - 1 x 1		1 pole - 1 x 1
	Green/Yellow		Green/Yellow
	-		-
	30		30
	34		34
	5.2		6.2
	NS15 DIN rail		NS15 DIN rail
	2.5		4
	0.2 - 2.5		0.2 - 4
	0.2 - 4		0.2 - 6
	-		-
	24 - 12 AWG		24 - 10 AWG
	24 - 12 AWG		24 - 10 AWG
	-		-
	UL, CSA, VDE, ATEX, IECEX, GOST		UL, CSA, VDE, ATEX, IECEX, GOST
	Sold in lots of	Unit reference	Sold in lots of
	50	NSYTRV22MPE	50
	-	-	-
	50	NSYTRAAB15	50
	50	NSYTRACM22	50
	50	NSYTRAPM22	50
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	100	NSYTRASB4	100
	10	NSYTRADR155	10
	9		8
	M3		M3
	0.5 - 0.6		0.6 - 0.8

Description







- Spring technology is a type of connection that requires no maintenance and ensures the separation of mechanical and electrical functions.
- **NSYTRR** spring terminals significantly reduce wiring time and eliminate the need for regular re-tightening. This technology allows not only the connection of flexible conductors with or without cable ends, but also of solid conductors with a nominal c.s.a. from 0.13 mm² to 25 mm².
- **NSYTRR** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up

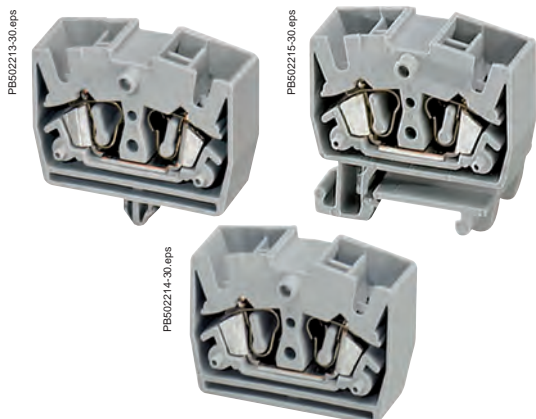
		Passthrough			
					
	Nominal c.s.a (mm ²)	2.5	4	6	10 and 16
Number of poles	1 - 1 x 1	NSYTRR22	NSYTRR42	NSYTRR62	NSYTRR102 NSYTRR162
	1 - 1 x 2	NSYTRR23	NSYTRR43	NSYTRR63	-
	1 - 2 x 2	NSYTRR24	NSYTRR44	-	-
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	■	■
	Blue	NSYTRR22BL NSYTRR23BL NSYTRR24BL	NSYTRR42BL NSYTRR43BL NSYTRR44BL	NSYTRR62BL	NSYTRR102BL NSYTRR162BL
	Green/yellow (PE)	-	-	-	-
	Orange	NSYTRR22AR NSYTRR23AR NSYTRR24AR	NSYTRR42AR	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
	Mounting on	35 mm 	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		106	107	107/108	108



Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** and **NSYTRR44D** terminal blocks.

		Double deck		Disconnect		
		Passthrough		Blade		
		Removable carrier				
						
Nominal c.s.a (mm²)		2.5 and 4		2.5		
Number of poles	1 - 1 x 1	-		NSYTRR22SC		
	1 - 1 x 2	-		NSYTRR23SC		
	1 - 2 x 2	-		-		
	1 - 2 x 4	-		-		
	1 - 3 x 3	-		-		
	2 - 1 x 1	NSYTRR24D NSYTRR44D		NSYTRR24SCD		
	2 - 1 x 2	-		-		
	3 - 1 x 1	NSYTRR26T		-		
Colours	Grey	■		■		
	Blue	NSYTRR24DBL NSYTRR44DBL NSYTRR26TBL		-		
	Green/yellow (PE)	NSYTRR24DPE NSYTRR44DPE		-		
	Orange	-		NSYTRR22SCAR NSYTRR23SCAR		
	Black	-		-		
	With flange	-		-		
	Mounting on	35 mm 	■		■	
	35 mm 	■		■		
	Telequick	-		-		
	15 mm 	-		-		
See pages		114		116		



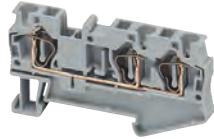
Miniature terminal blocks with maximum usage

Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of both stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

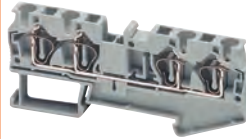
PB502145-23.eps



PB502147-28.eps



PB502149-33.eps



PB502151-28.eps



NSYTRR42	NSYTRR43	NSYTRR44	NSYTRR62
4 mm ²	4 mm ²	4 mm ²	6 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1
Grey	Grey	Grey	Grey
800 V, 40 A	800 V, 40 A	800 V, 40 A	1000 V, 52 A
56	71.5	87	69.5
36.5	36.5	36.5	43.5
6.2	6.2	6.2	8.2
4	4	4	6
0.08 - 4	0.08 - 4	0.08 - 4	0.5 - 6
0.08 - 6	0.08 - 6	0.08 - 6	0.2 - 10
800 V, 32 A	800 V, 32 A	800 V, 32 A	800 V, 41 A
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
550 V, 30 A	550 V, 30 A	550 V, 30 A	550 V, 36 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR42	50	NSYTRR43	50	NSYTRR44	50	NSYTRR62
50	NSYTRR42BL	50	NSYTRR43BL	50	NSYTRR44BL	50	NSYTRR62BL
50	NSYTRR42AR	-	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44	50	NSYTRACR62
-	-	-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	10	NSYTRAL62
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	10	NSYTRAL63
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	-	-
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	-	-
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL610
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	-	-
10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL610BL
10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL610GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRALR62
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR6
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

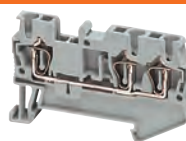
10	10	10	12
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Spring terminal blocks - Passthrough

PB502080-20.eps



PB502141-25.eps



PB502145-28.eps



	NSYTRR22	NSYTRR23	NSYTRR24
Nominal c.s.a.	2.5 mm ²	2.5 mm ²	2.5 mm ²
Type of block	Passthrough	Passthrough	Passthrough
Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2
Colour	Grey	Grey	Grey
Max. electric values (U _{max} , I _{max})	800 V, 31 A	800 V, 28 A	800 V, 28 A

Dimensions (mm)			
	Length	48.5	60.5
	Height	36.5	36.5
	Width	5.2	5.2
Cabling c.s.a. (mm ²)		2.5	2.5
	Flexible cable	0.08 - 2.5	0.08 - 2.5
	Solid cable	0.08 - 4	0.08 - 4

Nominal electric values				
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A	800 V, 24 A
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG
	ATEX	550 V, 21 A	550 V, 21 A	550 V, 21 A
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

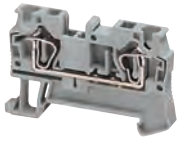
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR22	50	NSYTRR23	50	NSYTRR24
	Blue	50	NSYTRR22BL	50	NSYTRR23BL	50	NSYTRR24BL
	Orange	50	NSYTRR22AR	50	NSYTRR23AR	50	NSYTRR24AR

Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24	
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL	
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
	Blue	10-pole	10	NSYTRAL210BL	10	NSYTRAL210BL	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR	10	NSYTRAL210GR	10	NSYTRAL210GR	
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-	-	-	
	Spring to spring terminal	-	-	-	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR2	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	

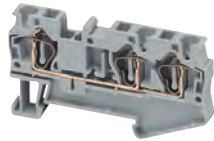
Marking accessories See page 132

General data			
	Strip length (mm)	10	10

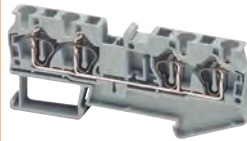
PB502145-23.eps



PB502147-28.eps



PB502149-33.eps



PB502151-28.eps

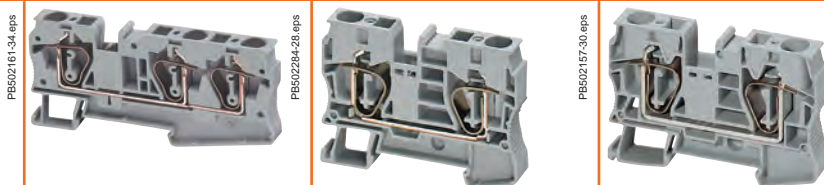


NSYTRR42	NSYTRR43	NSYTRR44	NSYTRR62
4 mm ²	4 mm ²	4 mm ²	6 mm ²
Passthrough	Passthrough	Passthrough	Passthrough
1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1
Grey	Grey	Grey	Grey
800 V, 40 A	800 V, 40 A	800 V, 40 A	1000 V, 52 A
56	71.5	87	69.5
36.5	36.5	36.5	43.5
6.2	6.2	6.2	8.2
4	4	4	6
0.08 - 4	0.08 - 4	0.08 - 4	0.5 - 6
0.08 - 6	0.08 - 6	0.08 - 6	0.2 - 10
800 V, 32 A	800 V, 32 A	800 V, 32 A	800 V, 41 A
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG
550 V, 30 A	550 V, 30 A	550 V, 30 A	550 V, 36 A
UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR42	50	NSYTRR43	50	NSYTRR44	50	NSYTRR62
50	NSYTRR42BL	50	NSYTRR43BL	-	-	50	NSYTRR62BL
50	NSYTRR42AR	-	-	50	NSYTRR44AR	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44	50	NSYTRACR62
-	-	-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42	10	NSYTRAL62
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43	10	NSYTRAL63
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44	-	-
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45	-	-
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL610
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420	-	-
10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL610BL
10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL610GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	10	NSYTRALR62
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR6
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

10	10	10	12
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Spring terminal blocks - Passthrough



		NSYTTR63	NSYTTR102	NSYTTR162				
Nominal c.s.a.		6 mm ²	10 mm ²	16 mm ²				
	Type of block	Passthrough	Passthrough	Passthrough				
	Type of connection	1 pole - 1 x 2	1 pole - 1 x 1	1 pole - 1 x 1				
	Colour	Grey	Grey	Grey				
Max. electric values (U _{max} , I _{max})		1000 V, 52 A	1000 V, 65 A	1000 V, 90 A				
Dimensions (mm)								
	Length	90.5	71.5	80				
	Height	43.5	50.5	51				
	Width	8.2	10.2	12.2				
Cablings c.s.a. (mm ²)		6	10	16				
	Flexible cable	0.5 - 6	0.2 - 10	0.2 - 16				
	Solid cable	0.2 - 10	0.2 - 16	0.2 - 25				
Nominal electric values								
	IEC/EN 60947-7-1	800 V, 41 A	800 V, 57 A	800 V, 76 A				
	UL	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG				
	CSA	600 V, 50 A, 24 - 8 AWG	600 V, 65 A, 16 - 6 AWG	600 V, 85 A, 16 - 4 AWG				
	ATEX	550 V, 30 A	550 V, 50 A	550 V, 65 A				
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTTR63	50	NSYTTR102	50	NSYTTR162	
	Blue	-	-	50	NSYTTR102BL	50	NSYTTR162BL	
	Orange	-	-	-	-	-	-	
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAAB35	50	NSYTRAAAB35	50	NSYTRAAAB35	
	With screw, 9.5 mm	50	NSYTRAAABV35	50	NSYTRAAABV35	50	NSYTRAAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACR63	50	NSYTRACR102	50	NSYTRACR162	
	Blue	-	-	-	-	-	-	
Partition plate, width 2 mm	Grey	-	-	-	-	-	-	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
		3-pole	10	NSYTRAL63	-	-	-	-
		4-pole	-	-	-	-	-	-
		5-pole	-	-	-	-	-	-
		10-pole	10	NSYTRAL610	-	-	-	-
	20-pole	-	-	-	-	-	-	
	Blue	10-pole	10	NSYTRAL610BL	-	-	-	
	Grey	10-pole	10	NSYTRAL610GR	-	-	-	
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-	-	-	
	Spring to spring terminal	10	NSYTRALR62	10	NSYTRALR102	10	NSYTRALR162	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACSR6	10	NSYTRACSR10	10	NSYTRACSR10	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD	20	NSYSR200BD	
Marking accessories		See page 132						
General data								
	Strip length (mm)	12		18		18		



Spring terminal blocks - Protective earth

		 PB502139-20.eps	 PB502142-25.eps	 PB502144-28.eps			
Nominal c.s.a.		NSYTRR22PE 2.5 mm ²	NSYTRR23PE 2.5 mm ²	NSYTRR24PE 2.5 mm ²			
	Type of block	Protective earth	Protective earth	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2			
	Colour	Green/Yellow	Green/Yellow	Green/Yellow			
Max. electric values		-	-	-			
Dimensions (mm)							
	Length	48.5	60.5	72			
	Height	36.5	36.5	36.5			
	Width	5.2	5.2	5.2			
Cabling c.s.a. (mm²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	-	-	-			
	UL	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	CSA	28 - 12 AWG	28 - 12 AWG	28 - 12 AWG			
	ATEX 	-	-	-			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks							
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRR22PE	Sold in lots of 50	Unit reference NSYTRR23PE	Sold in lots of 50	Unit reference NSYTRR24PE
Accessories							
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24
	Blue	-	-	-	-	-	-
Plug-in bridge	Red	-	-	-	-	-	-
	2-pole	-	-	-	-	-	-
	3-pole	-	-	-	-	-	-
Test plug	10-pole	-	-	-	-	-	-
	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR2	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 132					
General data							
	Strip length (mm)	10		10		10	

PB50Z146-23.eps



PB50Z146-28.eps



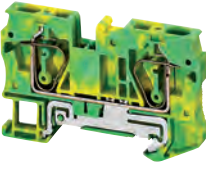
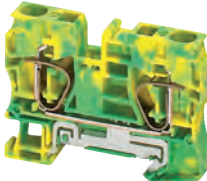



PB50Z150-33.eps



NSYTRR42PE		NSYTRR43PE		NSYTRR44PE	
4 mm ²	Protective earth	4 mm ²	Protective earth	4 mm ²	Protective earth
1 pole - 1 x 1	Green/Yellow	1 pole - 1 x 2	Green/Yellow	1 pole - 2 x 2	Green/Yellow
-	-	-	-	-	-
56	36.5	71.5	36.5	87	36.5
6.2	4	6.2	4	6.2	4
0.08 - 4	0.08 - 6	0.08 - 4	0.08 - 6	0.08 - 4	0.08 - 6
-	28 -10 AWG	-	28 -10 AWG	-	28 -10 AWG
-	28 -10 AWG	-	28 -10 AWG	-	28 -10 AWG
-	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	-	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	-	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST


Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR42PE	50	NSYTRR43PE	50	NSYTRR44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR43	50	NSYTRACR44
-	-	-	-	-	-
50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	NSYTRACSR4	10	NSYTRACSR4	10	NSYTRACSR4
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Spring terminal blocks - Protective earth

								
	NSYTRR62PE	NSYTRR102PE	NSYTRR162PE					
Nominal c.s.a.	6 mm ²	10 mm ²	16 mm ²					
Type of block	Protective earth	Protective earth	Protective earth					
Type of connection	1 pole - 1 x 1	1 pole - 1 x 1	1 pole - 1 x 1					
Colour	Green/Yellow	Green/Yellow	Green/Yellow					
Max. electric values	-	-	-					
Dimensions (mm)								
Length	69.5	71.5	80					
Height	43.5	50.5	51					
Width	8.2	10.2	12.2					
Cabling c.s.a. (mm ²)	6	10	16					
Flexible cable	0.2 - 6	0.2 - 10	0.2 - 16					
Solid cable	0.08 - 4	0.2 - 16	0.2 - 25					
Nominal electric values								
IEC/EN 60947-7-1	-	-	-					
UL	24 - 8 AWG	16 - 6 AWG	16 - 4 AWG					
CSA	24 - 8 AWG	16 - 6 AWG	16 - 4 AWG					
ATEX 	-	-	-					
Certifications	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST					
Terminal blocks								
	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference		
Green/Yellow	50	NSYTRV62PE	50	NSYTRR102PE	50	NSYTRR162PE		
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACR62	50	NSYTRACR102	50	NSYTRACR162	
	Blue	-	-	-	-	-	-	
Partition plate, width 2 mm	Grey	-	-	-	-	-	-	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
		3-pole	10	NSYTRAL63	-	-	-	
		10-pole	10	NSYTRAL610	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACSR6	10	NSYTRACSR10	10	NSYTRACSR10	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	
Marking accessories	See page 132							
General data								
Strip length (mm)	12	18	18					



Spring terminal blocks - Double deck passthrough

								
		PB502164-25.eps	PB502153-30.eps	PB502155-33.eps				
		NSYTRR24D	NSYTRR44D	NSYTRR26T				
Nominal c.s.a.		2.5 mm ²	4 mm ²	2.5 mm ²				
	Type of block	Passthrough - Double deck	Passthrough - Double deck	Passthrough - 3 Levels				
	Type of connection	2 pole - 1 x 1	2 pole - 1 x 1	3 pole - 1 x 1				
	Colour	Grey	Grey	Grey				
Max. electric values (Umax, Imax)		500 V, 26 A	500 V, 34 A	500 V, 28 A				
Dimensions (mm)								
	Length	78	92.4	99.5				
	Height	55	55	58				
	Width	5.2	6.2	5.2				
Cabling c.s.a. (mm ²)		2.5	4	2.5				
	Flexible cable	0.08 - 2.5	0.08 - 4	0.08 - 2.5				
	Solid cable	0.08 - 4	0.08 - 6	0.08 - 4				
Nominal electric values								
	IEC/EN 60947-7-1	500 V, 22 A	500 V, 28 A	500 V, 20 A				
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG				
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 30 A, 28 - 10 AWG	600 V, 20 A, 28 - 12 AWG				
	ATEX 	440 V, 19.5 A	440 V, 22 A	-				
Certifications ⁽¹⁾		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRR24D	50	NSYTRR44D	50	NSYTRR26T	
	Blue	50	NSYTRR24DBL	50	NSYTRR44DBL	50	NSYTRR26TBL	
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE44	50	NSYTRACRE26	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL23
	4-pole	50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL24	
	5-pole	50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL25	
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL210	
	20-pole	10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL220	
Vertical bridge	1-pole	50	NSYTRALV24R	50	NSYTRALV24R	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR4	10	NSYTRACSR2	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132						
General data								
Strip length (mm)		10		10		10		




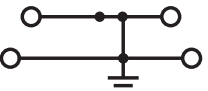
(1) ATEX and IECEx certifications pending.



Vertical bridge

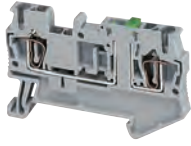
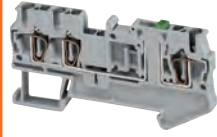

The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double-level NSYTRR24D or NSYTRR44D terminal blocks.

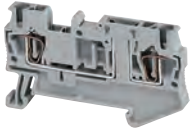
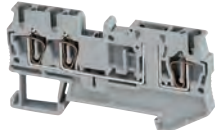

Spring terminal blocks - Double deck protective earth

		 <small>PB502165-25.eps</small>			 <small>PB502154-30.eps</small>	
Nominal c.s.a.		NSYTRR24DPE			NSYTRR44DPE	
	Type of block	2.5 mm ²			4 mm ²	
	Type of connection	Protective earth - Double deck			Double deck - Protective earth	
	Type of connection	1 pole - 2 x 2			1 pole - 2 x 2	
	Colour	Green/Yellow			Green/Yellow	
Max. electric values		-			-	
Dimensions (mm)						
	Length	78			92.4	
	Height	55			55	
	Width	5.2			6.2	
Cabling c.s.a. (mm ²)		2.5			4	
	Flexible cable	0.08 - 2.5			0.08 - 4	
	Solid cable	0.08 - 4			0.08 - 6	
Nominal electric values						
	IEC/EN 60947-7-1	-			-	
	UL	28 - 12 AWG			28 - 10 AWG	
	CSA	28 - 12 AWG			28 - 10 AWG	
	ATEX 	-			-	
Certifications ⁽¹⁾		UL, CSA, VDE, GL, LR, DNV, GOST			UL, CSA, VDE, GL, LR, DNV, GOST	
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
Green/Yellow		50	NSYTRR24DPE	50	NSYTRR44DPE	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE44	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL42
		3-pole	50	NSYTRAL23	50	NSYTRAL43
		4-pole	50	NSYTRAL24	50	NSYTRAL44
		5-pole	50	NSYTRAL25	50	NSYTRAL45
		10-pole	10	NSYTRAL210	10	NSYTRAL410
		20-pole	10	NSYTRAL220	10	NSYTRAL420
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	10	NSYTRACSR2	10	NSYTRACSR4	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
Strip length (mm)		10			10	



(1) ATEX and IECEx certifications pending.

Spring terminal blocks - Disconnect


						
		PB602159-2/5.eps	PB602160-2/5.eps			
		NSYTRR22SC	NSYTRR23SC			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²			
	Type of block	Disconnect (blade)	Disconnect (blade)			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2			
	Colour	Grey	Grey			
Max. electric values (U _{max} , I _{max})		400 V, 20 A	400 V, 20 A			
Dimensions (mm)						
	Length	60.5	72			
	Height	36.5	36.5			
	Width	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4			
Nominal electric values						
	IEC/EN 60947-7-1	400 V, 20 A	400 V, 20 A			
	UL	600 V, 16 A, 28 - 12 AWG	600 V, 16 A, 28 - 12 AWG			
	CSA	300 V, 16 A, 28 - 12 AWG	300 V, 16 A, 28 - 12 AWG			
	ATEX 	-	-			
Certifications		UL, CSA, GOST	UL, CSA, GOST			
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRR22SC	50	NSYTRR23SC	
	Orange	50	NSYTRR22SCAR	50	NSYTRR23SCAR	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACR23	50	NSYTRACR24	
	Blue	-	-	-	-	
Partition plate, width 2 mm	Grey	50	NSYTRAPR23	50	NSYTRAPR24	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220
Removable carrier	For fuse 5 x 20 mm	-	-	-	-	
	For fuse 5 x 20 mm 110 - 250 V LED	-	-	-	-	
	For fuse 5 x 20 mm 12 - 30 V LED	-	-	-	-	
	For component	-	-	-	-	
	With 1N4007 diode	-	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	50	NSYTRACSR2	50	NSYTRACSR2	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	10		10		

PE502r165-25.eps		PE502r165-28.eps		PE502r186-35.eps	
					
NSYTRR22TB		NSYTRR23TB		NSYTRR24SCD	
2.5 mm ²		2.5 mm ²		2.5 mm ²	
Disconnect (for carrier)		Disconnect (for carrier)		Disconnect (blade)	
1 pole - 1 x 1		1 pole - 1 x 2		2 pole - 1 x 1	
Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 16 A	
60.5		72		107	
36.5		36.5		55	
5.2		5.2		5.2	
2.5		2.5		2.5	
0.08 - 2.5		0.08 - 2.5		0.08 - 2.5	
0.08 - 4		0.08 - 4		0.08 - 4	
400 V, 20 A		400 V, 20 A		400 V, 16 A	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 10 A, 28 - 12 AWG	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 10 A, 28 - 12 AWG	
-		-		-	
UL, CSA, GOST		UL, CSA, GOST		UL, CSA, GOST	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR22TB	50	NSYTRR23TB	50	NSYTRR24SCD
-	-	-	-	-	-
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR23	50	NSYTRACR24	-	Included
-	-	-	-	-	-
50	NSYTRAPR23	50	NSYTRAPR24	-	-
-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL22	50	-
50	NSYTRAL23	50	NSYTRAL23	50	-
50	NSYTRAL24	50	NSYTRAL24	50	-
50	NSYTRAL25	50	NSYTRAL25	50	-
10	NSYTRAL210	10	NSYTRAL210	10	-
10	NSYTRAL220	10	NSYTRAL220	10	-
10	NSYTRASF520	10	NSYTRASF520	-	-
10	NSYTRASF520M	10	NSYTRASF520M	-	-
10	NSYTRASF520B	10	NSYTRASF520B	-	-
10	NSYTRASV1	10	NSYTRASV1	-	-
10	NSYTRASV2	10	NSYTRASV2	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
50	NSYTRACSR2	50	NSYTRACSR2	50	NSYTRACSR2
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Spring terminal blocks - Miniature passthrough and miniature protective Earth

		DIN rail mounting					
							
		NSYTRR22M	NSYTRR24M	NSYTRR22MPE			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²			
	Type of block	Passthrough	Passthrough	Protective earth			
	Type of connection	1 pole - 1 x 1	1 pole - 2 x 2	1 pole - 1 x 1			
	Colour	Grey	Grey	Green/Yellow			
Max. electric values (U _{max} , I _{max})		800 V, 30 A	800 V, 30 A	-			
Dimensions (mm)							
	Length	32	32	32			
	Height	30	30	30			
	Width	5.2	10.4	5.2			
Mounting on		NS15 Din rail	NS15 Din rail	NS15 Din rail			
Cabling c.s.a. (mm ²)		2.5	2.5	2.5			
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5			
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4			
Nominal electric values							
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A	-			
	UL	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	28 - 12 AWG			
	CSA	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	28 - 12 AWG			
	ATEX 	690 V, 22 A	690 V, 22 A	-			
Certifications ⁽¹⁾		UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST			
Terminal blocks							
 or 		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRR22M	50	NSYTRR24M	50	NSYTRR22MPE
	Blue	50	NSYTRR22MBL	50	NSYTRR24MBL	-	-
	Grey, with flange	-	-	-	-	-	-
Accessories							
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15	50	NSYTRAAB15	50	NSYTRAAB15
End plate, width 2.2 mm	Grey	50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22
	Grey, with flange	-	-	-	-	-	-
Insertion bridge	Grey 2-pole	-	-	10	NSYTRALM22	-	-
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
DIN rail 15 x 7.2 mm	Perforated, 2 m long	10	NSYTRADR155	10	NSYTRADR155	10	NSYTRADR155
Marking accessories (for all mini spring terminals)		Only for NSYTRABF●. See page 133.					
General data							
	Strip length (mm)	8		8		8	
	Plate thickness (mm)	-		-		-	
	Hole diameter (mm)	-		-		-	



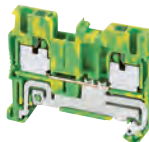
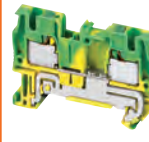



(1) ATEX and IECEx certifications pending.

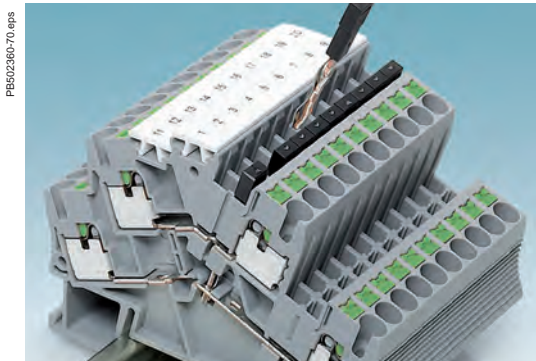
Direct mounting (flange)				For micro-perforated mounting plates			
							
NSYTRR22MF	NSYTRR24MF	NSYTRR22MP	NSYTRR24MP				
2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²				
Passthrough	Passthrough	Passthrough	Passthrough				
1 pole - 1 x 1	1 pole - 2 x 2	1 pole - 1 x 1	1 pole - 2 x 2				
Grey	Grey	Grey	Grey				
800 V, 30 A	800 V, 30 A	800 V, 30 A	800 V, 30 A				
32	32	32	32				
22	22	22	22				
5.2	10.4	5.2	10.4				
Direct mounting	Direct mounting	Pin mounting	Pin mounting				
2.5	2.5	2.5	2.5				
0.08 - 2.5	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5				
0.08 - 4	0.08 - 4	0.08 - 4	0.08 - 4				
800 V, 24 A	800 V, 24 A	800 V, 24 A	800 V, 24 A				
600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG				
600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG	600 V, 20 A, 28 - 12 AWG				
550 V, 22 A	550 V, 22 A	550 V, 22 A	550 V, 22 A				
UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST	UL, CSA, VDE, GOST				
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR22MF	50	NSYTRR24MF	50	NSYTRR22MP	10	NSYTRR24MP
50	NSYTRR22MFBL	50	NSYTRR24MFBL	50	NSYTRR22MPBL	10	NSYTRR24MPBL
50	NSYTRR22MFF ⁽²⁾	50	NSYTRR24MFF ⁽²⁾	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22	50	NSYTRACRM22
50	NSYTRACRMF22 ⁽²⁾	50	NSYTRACRMF22 ⁽²⁾	-	-	-	-
-	-	10	NSYTRALM22	-	-	10	NSYTRALM22
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	-
-	-	-	-	-	-	-	-
8		8		8		8	
-		-		0.6 - 1.5		0.6 - 1.5	
-		-		3.5		3.5	

(2) Can only be used at the end of a group of terminals.

Description


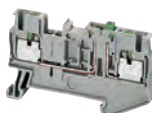
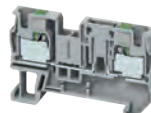


- The new **NSYTRP** push-in terminal blocks use the most cost effective connection technique on the market. This technique drastically reduces wiring time and eliminates the need for regular re-tightening.
- The insertion force of the **NSYTRP** push-in terminal blocks is up to 50% lower. This allows easy and direct insertion of solid conductors or flexible conductors with cable ends (ferrules) from 0.34 mm² to 6 mm².

	Push-in	Passthrough		Protective earth	
		Passthrough			
					
		<small>PB502082-20.eps</small>	<small>PB502291-20.eps</small>	<small>PB502249-20.eps</small>	<small>PB502293-20.eps</small>
Nominal c.s.a (mm ²)		2.5	4	2.5	4
Number of poles	1 - 1 x 1	NSYTRP22	NSYTRP42	NSYTRP22PE	NSYTRP42PE
	1 - 1 x 2	NSYTRP23	NSYTRP43	NSYTRP23PE	NSYTRP43PE
	1 - 2 x 2	NSYTRP24	NSYTRP44	NSYTRP24PE	NSYTRP44PE
	1 - 2 x 4	-	-	-	-
	1 - 3 x 3	-	-	-	-
	2 - 1 x 1	-	-	-	-
	2 - 1 x 2	-	-	-	-
	3 - 1 x 1	-	-	-	-
Colours	Grey	■	■	-	-
	Blue	NSYTRP22BL NSYTRP23BL NSYTRP24BL	NSYTRP42BL NSYTRP43BL NSYTRP44BL	-	-
	Green/yellow (PE)	-	-	■	■
	Orange	NSYTRP22AR NSYTRP23AR	-	-	-
	Black	-	-	-	-
	With flange	-	-	-	-
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		122/123	123	124	125



Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRP24D** terminal block.

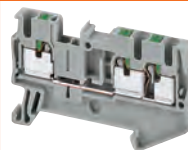
	Double deck	Disconnect		Hybrid: Screw - IDC connection	
		Blade	Removable carrier	Passthrough	
					
	PB502236-20.eps	PB502257-20.eps	PB502302-20.eps	PB502117-20.eps	PB502119-20.eps
	2.5	2.5	2.5 and 4	1.5	2.5
	-	NSYTRP22SC	NSYTRP22TB NSYTRP42TB	NSYTRH12	NSYTRH22
	-	NSYTRP23SC	-	NSYTRH13	-
	-	NSYTRP24SC	-	-	-
	-	-	-	-	-
	NSYTRP24D	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	■	■
	NSYTRP24DBL	-	-	-	-
	NSYTRP24DPE	-	-	NSYTRH12PE	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	-	-
	■	■	■	-	-
	-	-	-	-	-
	-	-	-	■	■
	126	128	129	130	131

Push-in terminal - Passthrough

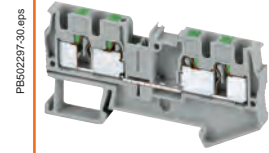
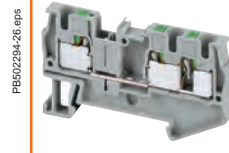
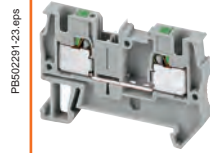
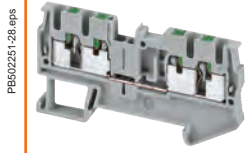
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PB502252-24.eps



		NSYTRP22	NSYTRP23			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²			
	Type of block	Passthrough	Passthrough			
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2			
	Colour	Grey	Grey			
Max. electric values (U _{max} , I _{max})		800 V, 30 A	800 V, 30 A			
Dimensions (mm)						
	Length	48.5	60.5			
	Height	36.5	36.5			
	Width	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5			
	Flexible cable	0.14 - 2.5	0.14 - 2.5			
	Solid cable	0.14 - 4	0.14 - 4			
Nominal electric values						
	IEC/EN 60947-7-1	800 V, 24 A	800 V, 24 A			
	UL	600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG			
	CSA	600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG			
	ATEX	550 V, 22 A	550 V, 22 A			
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST			
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRP22	50	NSYTRP23	
	Blue	50	NSYTRP22BL	50	NSYTRP23BL	
	Orange	50	NSYTRP22AR	50	NSYTRP23AR	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	
Partition plate width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210
	Blue	20-pole	10	NSYTRAL220	10	NSYTRAL220
		10-pole	10	NSYTRAL210BL	10	NSYTRAL210BL
		10-pole	10	NSYTRAL210GR	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-	-	-	
	Spring to spring terminal	-	-	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	-	-	-	-	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	10		10		



NSYTRP24	NSYTRP42	NSYTRP43	NSYTRP44
2.5 mm ²	4 mm ²	4 mm ²	4 mm ²
Passthrough	Passthrough	Pass through	Passthrough
1 pole - 2 x 2	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2
Grey	Grey	Grey	Grey
800 V, 30 A	800 V, 38 A	800 V, 38 A	800 V, 38 A

72	56	66.5	77
36.5	36.5	36.5	36.5
5.2	6.2	6.2	6.2
2.5	4	4	4
0.14 - 2.5	0.2 - 4	0.2 - 4	0.2 - 4
0.14 - 4	0.2 - 6	0.2 - 6	0.2 - 6


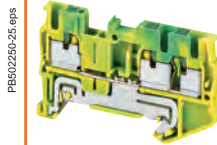
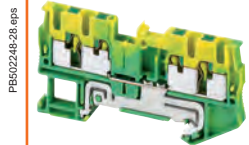

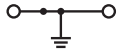
800 V, 24 A	800 V, 32 A	800 V, 32 A	800 V, 32 A
600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG
600 V, 20 A, 24 - 12 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG
550 V, 22 A	550 V, 29 A	550 V, 29 A	550 V, 29 A
UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP24	50	NSYTRP42	50	NSYTRP43	50	NSYTRP44
50	NSYTRP24BL	50	NSYTRP42BL	50	NSYTRP43BL	50	NSYTRP44BL
-	-	-	-	-	-	-	-

50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR24	50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
50	NSYTRACR24BL	-	-	-	-	-	-
50	NSYTRAPR24	50	NSYTRAPR42	-	-	-	-
-	-	-	-	-	-	-	-
50	NSYTRAL22	50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAL210BL	10	NSYTRAL410BL	10	NSYTRAL410BL	10	NSYTRAL410BL
10	NSYTRAL210GR	10	NSYTRAL410GR	10	NSYTRAL410GR	10	NSYTRAL410GR
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
-	-	-	-	-	-	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD

10	12	12	12
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Push-in terminal blocks - Protective earth

								
		NSYTRP22PE	NSYTRP23PE	NSYTRP24PE				
Nominal c.s.a.		2.5 mm ²	2.5 mm ²	2.5 mm ²				
	Type of block	Protective earth	Protective earth	Protective earth				
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2				
	Colour	Green/Yellow	Green/Yellow	Green/Yellow				
Max. electric values		-	-	-				
Dimensions (mm)								
	Length	48.5	60.5	72				
	Height	36.5	36.5	36.5				
	Width	5.2	5.2	5.2				
Cabling c.s.a. (mm ²)		2.5	2.5	2.5				
	Flexible cable	0.08 - 2.5	0.08 - 2.5	0.08 - 2.5				
	Solid cable	0.08 - 4	0.08 - 4	0.08 - 4				
Nominal electric values								
	IEC/EN 60947-7-1	-	-	-				
	UL	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG				
	CSA	24 - 12 AWG	24 - 12 AWG	24 - 12 AWG				
	ATEX 	-	-	-				
Certifications		UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST	UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST				
Terminal blocks								
	Green/Yellow	Sold in lots of 50 Unit reference NSYTRP22PE	Sold in lots of 50 Unit reference NSYTRP23PE	Sold in lots of 50 Unit reference NSYTRP24PE				
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24	
	Blue	50	NSYTRACR22BL	50	NSYTRACR23BL	50	NSYTRACR24BL	
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	50	NSYTRAPR23	50	NSYTRAPR24	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Warning label	Yellow	-	-	-	-	-	-	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132						
General data								
	Strip length (mm)	10	10	10	10	10	10	

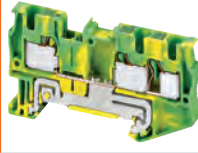
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NSYTRP42PE

4 mm²
Protective earth
1 pole - 1 x 1
Green/Yellow
-

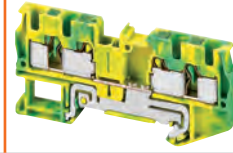
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NSYTRP43PE

4 mm²
Protective earth
1 pole - 1 x 2
Green/Yellow
-

PB50Z298-30.eps



NSYTRP44PE

4 mm²
Protective earth
1 pole - 2 x 2
Green/Yellow
-

56
36.5
6.2
4
0.08 - 4
0.08 - 6

66.5
36.5
6.2
4
0.08 - 4
0.08 - 6

77
36.5
6.2
4
0.08 - 4
0.08 - 6

-
24 - 10 AWG
24 - 10 AWG
-
UL, CSA, VDE, ATEX, IECEX, GL,
LR, DNV, GOST

-
24 - 10 AWG
24 - 10 AWG
-
UL, CSA, VDE, ATEX, IECEX, GL,
LR, DNV, GOST

-
24 - 10 AWG
24 - 10 AWG
-
UL, CSA, VDE, ATEX, IECEX, GL,
LR, DNV, GOST

Sold in lots of **Unit reference**
50 **NSYTRP42PE**

Sold in lots of **Unit reference**
50 **NSYTRP43PE**

Sold in lots of **Unit reference**
50 **NSYTRP44PE**

50 **NSYTRAAB35**
50 **NSYTRAABV35**
50 **NSYTRACR42**
- -
50 **NSYTRAPR42**
- -
50 **NSYTRAL42**
50 **NSYTRAL43**
50 **NSYTRAL44**
50 **NSYTRAL45**
10 **NSYTRAL410**
10 **NSYTRAL420**
10 **NSYTRAATM1**
10 **NSYTRAATP1**
10 **NSYTRAFT**
- -
100 **NSYTRASB4**
20 **NSYSDR200BD**

50 **NSYTRAAB35**
50 **NSYTRAABV35**
50 **NSYTRACP43**
- -
- -
- -
50 **NSYTRAL42**
50 **NSYTRAL43**
50 **NSYTRAL44**
50 **NSYTRAL45**
10 **NSYTRAL410**
10 **NSYTRAL420**
10 **NSYTRAATM1**
10 **NSYTRAATP1**
10 **NSYTRAFT**
- -
100 **NSYTRASB4**
20 **NSYSDR200BD**

50 **NSYTRAAB35**
50 **NSYTRAABV35**
50 **NSYTRACP44**
- -
- -
- -
50 **NSYTRAL42**
50 **NSYTRAL43**
50 **NSYTRAL44**
50 **NSYTRAL45**
10 **NSYTRAL410**
10 **NSYTRAL420**
10 **NSYTRAATM1**
10 **NSYTRAATP1**
10 **NSYTRAFT**
- -
100 **NSYTRASB4**
20 **NSYSDR200BD**

12

12

12

Push-in terminal blocks - Double deck passthrough

PB502265-30.eps



PB502260-30.eps



		NSYTRP24D	NSYTRP24DPE			
Nominal c.s.a.		2.5 mm ²	2.5 mm ²			
	Type of block	Passthrough - Double deck	Protective earth - Double deck			
	Type of connection	2 pole - 1 x 1	1 pole - 2 x 2			
	Colour	Grey	Green/Yellow			
Max. electric values (U _{max} , I _{max})		500 V, 24 A	-			
Dimensions (mm)						
	Length	78	78			
	Height	55	55			
	Width	5.2	5.2			
Cabling c.s.a. (mm ²)		2.5	2.5			
	Flexible cable	0.14 - 2.5	0.14 - 2.5			
	Solid cable	0.14 - 4	0.14 - 4			
Nominal electric values						
	IEC/EN 60947-7-1	500 V, 22 A	-			
	UL	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG			
	CSA	600 V, 20 A, 26 - 12 AWG	26 - 12 AWG			
	ATEX	-	-			
Certifications ⁽¹⁾		UL, CSA, VDE, GL, LR, DNV, GOST	UL, CSA, VDE, GL, LR, DNV, GOST			
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRP24D	50	NSYTRP24DPE	
	Blue	50	NSYTRP24DBL	-	-	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE24	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24R	-	-	
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
	Strip length (mm)	10		10		

⁽¹⁾ ATEX and IECEx certifications pending.

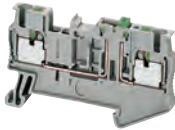
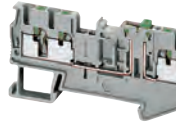
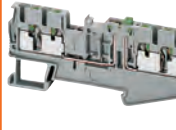

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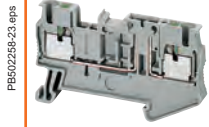


The NSYTRALV24R vertical bridge offers the option of connecting both levels of the standard double deck NSYTRP24D terminal block.



Push-in terminal blocks - Disconnect

								
Nominal c.s.a.		NSYTRP22SC	NSYTRP23SC	NSYTRP24SC				
		2.5 mm ²	2.5 mm ²	2.5 mm ²				
	Type of block	Disconnect (blade)	Disconnect (blade)	Disconnect (blade)				
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 2	1 pole - 2 x 2				
Max. electric values (U _{max} , I _{max})	Colour	Grey	Grey	Grey				
		400 V, 20 A	400 V, 20 A	400 V, 20 A				
Dimensions (mm)								
Cabling c.s.a. (mm ²)	Length	62	72	72				
	Height	36.5	36.5	36.5				
	Width	5.2	5.2	5.2				
		2.5	2.5	2.5				
	Flexible cable	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5				
	Solid cable	0.14 - 4	0.14 - 4	0.14 - 4				
Nominal electric values								
Certifications	IEC/EN 60947-7-1	400 V, 20 A	400 V, 20 A	400 V, 20 A				
	UL	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG				
	CSA	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG	300 V, 20 A, 26 -12 AWG				
	ATEX 	-	-	-				
Certifications		UL, CSA, VDE, GL, LR, GOST	UL, CSA, VDE, GL, LR, GOST	UL, CSA, VDE, GL, LR, GOST				
Terminal blocks								
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
	Grey	50	NSYTRP22SC	50	NSYTRP23SC	50	NSYTRP24SC	
Accessories								
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACPK22	50	NSYTRACPK23	50	NSYTRACPK24	
	Blue	-	-	-	-	-	-	
Partition plate, width 2 mm	Grey	50	NSYTRAPR23	50	NSYTRAPR24	-	-	
	Blue	-	-	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYS DR200BD	20	NSYS DR200BD	20	NSYS DR200BD	
Marking accessories		See page 132						
General data								
Removable carrier	Strip length (mm)	10		10		10		
	for fuse 5 x 20 mm	-		-		-		
	for fuse 5 x 20 mm 110 V	-		-		-		
	for fuse 5 x 20 mm 12 V	-		-		-		
	for component	-		-		-		
	with 1N4007 diode	-		-		-		



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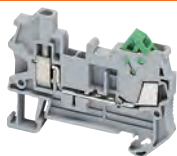
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NSYTRP22TB	NSYTRP42TB
2.5 mm ²	4 mm ²
Disconnect (for carrier)	Disconnect (for carrier)
1 pole - 1 x 1	1 pole - 1 x 1
Grey	Grey
400 V, 20 A	400 V, 20 A
62	56
36.5	36.5
5.2	6.2
2.5	4
0.14 - 2.5	0.2 - 4
0.14 - 4	0.2 - 6
400 V, 20 A	400 V, 20 A
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
300 V, 20 A, 26 -12 AWG	300 V, 20 A, 24 -12 AWG
-	-
UL, CSA, VDE, GL, LR, GOST	UL, CSA, VDE, GL, GOST

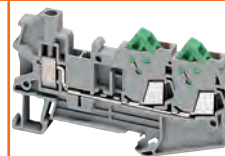
Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP22TB	50	NSYTRP42TB
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPK22	50	NSYTRACR42
-	-	-	-
-	-	50	NSYTRAPR24
-	-	-	-
50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD
10		12	
10	NSYTRASF520	10	NSYTRASF520
10	NSYTRASF520M	10	NSYTRASF520M
10	NSYTRASF520B	10	NSYTRASF520B
10	NSYTRASV1	10	NSYTRASV1
10	NSYTRASV2	10	NSYTRASV2


Hybrid terminal blocks - Passthrough

PB602117-20.eps

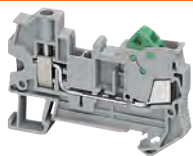


PB602119-30.eps

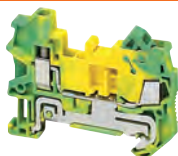


		NSYTRH12		NSYTRH13		
Nominal c.s.a.		1.5 mm ²		1.5 mm ²		
	Type of block	Passthrough		Passthrough		
	Type of connection	1 pole - 1 x 1		1 pole - 1 x 2 (1 screw x 2 IDC)		
	Colour	Grey		Grey		
Max. electric values (U _{max} , I _{max})		800 V, 17 A		800 V, 17 A		
Dimensions (mm)						
		Length	58.8	76.4		
		Height	42.8	42.8		
		Width	5.2	5.2		
Cabling c.s.a. (mm ²)	IDC connection	1.5		1.5		
	Flexible cable	0.5 - 1.5		0.5 - 1.5		
	Screw connection	1.5		1.5		
	Flexible cable	0.14 - 2.5		0.14 - 2.5		
	Solid cable	0.14 - 4		0.14 - 4		
Nominal electric values						
		IEC/EN 60947-7-1	800 V, 17 A	800 V, 17 A		
		UL	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG		
		CSA	600 V, 10 A, 24 - 16 AWG	600 V, 10 A, 24 - 16 AWG		
		ATEX Ⓢ	550 V, 16.5 A	550 V, 16.5 A		
Certifications			UL, CSA, ATEX, IECEx, GOST	UL, CSA, ATEX, IECEx, GOST		
Terminal blocks						
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	
Grey		50	NSYTRH12	50	NSYTRH13	
Accessories						
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACH12	50	NSYTRACH13	
	Blue	-	-	-	-	
Partition plate, width 2 mm	Grey	50	NSYTRAPD12	50	NSYTRAPD13	
	Blue	-	-	-	-	
Plug-in bridge	Red	2-pole	50	NSYTRAL22	50	NSYTRAL22
		3-pole	50	NSYTRAL23	50	NSYTRAL23
		4-pole	50	NSYTRAL24	50	NSYTRAL24
		5-pole	50	NSYTRAL25	50	NSYTRAL25
		10-pole	10	NSYTRAL210	10	NSYTRAL210
		20-pole	10	NSYTRAL220	10	NSYTRAL220
Test plug	Metalic part, Ø2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	20	NSYSDR200BD	
Marking accessories		See page 132				
General data						
		Strip length (mm)	9	9		
		Screw thread	M3	M3		
		Torque (N.m)	0.5 - 0.6	0.6 - 0.8		

PB602119-25.eps



PB602120-23.eps






NSYTRH22	NSYTRH12PE
2.5 mm ²	1.5 mm ²
Passthrough	Protective earth
1 pole - 1 x 1	1 pole - 1 x 1
Grey	Green/Yellow
800 V, 24 A	-
62.6	58.8
42.8	42.8
6.2	5.2
2.5	1.5
0.5 - 2.5	0.5 - 1.5
2.5	1.5
0.14 - 4	0.14 - 2.5
0.14 - 6	0.14 - 4
800 V, 24 A	-
600 V, 15 A, 20 - 14 AWG	24 - 16 AWG
600 V, 15 A, 20 - 14 AWG	24 - 16 AWG
550 V, 22 A	-
UL, CSA, ATEX, IECEx, GOST	UL, CSA, ATEX, IECEx, GOST

Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRH22	50	NSYTRH12PE
50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACH22	50	NSYTRACH12
-	-	-	-
-	-	50	NSYTRAPD12
-	-	-	-
50	NSYTRAL42	50	NSYTRAL22
50	NSYTRAL43	50	NSYTRAL23
50	NSYTRAL44	50	NSYTRAL24
50	NSYTRAL45	50	NSYTRAL25
10	NSYTRAL410	10	NSYTRAL210
10	NSYTRAL420	10	NSYTRAL220
10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4
20	NSYSR200BD	20	NSYSR200BD

10	14
M4	M5
1.5 - 1.8	2.5 - 3


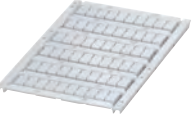

Marking accessories

	 PB502396-16.eps	 PB502396-17.eps	 PB502396-17.eps
Clip-in marker strips	NSYTRAB5●	NSYTRAB6●	NSYTRAB8●
Description	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally	10 consecutive figures or numbers, printed horizontally
Material	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)	Polyamide (PA 6.6, silicone and halogen free)
Colour	Black markings on white background	Black markings on white background	Black markings on white background
Inflammability class acc. to UL94	V2	V2	V2
Temperature range (°C)	-40...+100	-40...+100	-40...+100
Compatibility	For 2.5 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 4 mm ² TBs: NSY TRV / TRR / TRP / TRH	For 6 mm ² TBs: NSY TRV / TRR / TRP / TRH
For terminal block width	5.2 mm	6.2 mm	8.2 mm
Mounting position	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks	Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP / NSYTRH terminal blocks

Marking strips

Printed characters	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
1...10	10	NSYTRAB510	10	NSYTRAB610	10	NSYTRAB810
11...20	10	NSYTRAB520	10	NSYTRAB620	10	NSYTRAB820
21...30	10	NSYTRAB530	10	NSYTRAB630	10	NSYTRAB830
31...40	10	NSYTRAB540	10	NSYTRAB640	10	NSYTRAB840
41...50	10	NSYTRAB550	10	NSYTRAB650	10	NSYTRAB850
51...60	10	NSYTRAB560	10	NSYTRAB660	10	NSYTRAB860
61...70	10	NSYTRAB570	10	NSYTRAB670	10	NSYTRAB870
71...80	10	NSYTRAB580	10	NSYTRAB680	10	NSYTRAB880
81...90	10	NSYTRAB590	10	NSYTRAB690	10	NSYTRAB890
91...100	10	NSYTRAB5100	10	NSYTRAB6100	10	NSYTRAB8100
1...100 (1 - 10; 11 - 20; ...91 - 100)	100	NSYTRAB51100	100	NSYTRAB61100	-	-
L1, L2, L3, N, PE	10	NSYTRAB5L1N	10	NSYTRAB6L1N	-	-

Marking cards

	 PB502343-26.eps	 PB502344-26.eps	 PB502345-26.eps			
Blank marking cards	Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
72 characters (6 strips)	10	NSYTRABPV5	-	-	-	-
60 characters (6 strips)	-	-	10	NSYTRABPV6	-	-
42 characters (6 strips)	-	-	-	-	10	NSYTRABPV8

Marking cards for AB1 terminals ⁽²⁾ and Multi9 Acti9 range

Blank (60 characters max.)	-	-	10	NSYTRAXPV6	-	-
1...10 (6 strips)	-	-	10	NSYTRAXP610	-	-
11...20 (6 strips)	-	-	10	NSYTRAXP620	-	-
21...30 (6 strips)	-	-	10	NSYTRAXP630	-	-
31...40 (6 strips)	-	-	10	NSYTRAXP640	-	-
41...50 (6 strips)	-	-	10	NSYTRAXP650	-	-
L1, L2, L3 (60 characters max.)	-	-	10	NSYTRAX6L1L3	-	-

Accessories

Plotter adapter for marking cards	1	NSYTRABMP1	1	NSYTRABMP1	1	NSYTRABMP1
-----------------------------------	---	------------	---	------------	---	------------

(1) For 16 mm² terminal blocks or bigger, the strip must be broken and use the individual marking characters.

(2) Only for AB1 terminal blocks 4 mm²; and for Multi9 Acti9 range.

Marking accessories

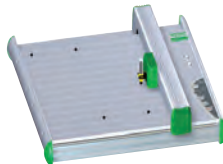
PB502201-20.eps



		NSYTRABCV●	
		Marking collars for cables	
Description		Open marker carrier, 15 mm wide, for clipping into wire	
	Material	PVC (Siliconfree)	
	Colour	White marker with transparent sleeve	
	Inflammability class according to UL94	V0	
	Temperature range (°C)	-50...+80	
Compatibility		For conductor diameter 2 mm up to 8 mm	
	Mounting position	Clip-on to the cable	
	Marking elements	With any of the NSYTRABCP● marking elements	
Marking collars and inserts			
Marking collars		Sold in lots of	Unit reference
For conductor diameter	2 to 3.5 mm	500	NSYTRABCV23
	3 to 5 mm	500	NSYTRABCV35
	5 to 8 mm	500	NSYTRABCV58
Marking inserts, A4 format, perforated			
Colour	White	-	-
	Yellow	-	-
	Red	-	-
	Blue	-	-
Marking card with 50 inserts			
Colour	White	-	-

Marking accessories

PB502351-310.eps



		NSYTRAPLOT	
		Plotter	
		<ul style="list-style-type: none"> ■ A flexible plotter that helps you label marking elements quickly and easily. ■ Rugged construction in stylish aluminium ■ Easy to change fixtures to suit a variety of marking elements ■ Auto calibration no adjustment necessary ■ Including NSYTRA BMP1 / BMP2 adaptor plates, 0.25 & 0.35 mm black pens, Spacial.print software, power supply, connecting cables, user manual 	
Printing area		A4	
Input voltage/frequency		100 - 240 V AC, 50/60 Hz	
Interface		USB 2.0	
Operating system		MS Windows XP/Vista/7	
Compatibility		For all NSYTR blank marking cards	
Marking collars and inserts			
Marking plotter		Sold in lots of	Unit reference
Colour	Grey	1	NSYTRAPLOT
Accessories			
Adaptor plates	For NSYTRABPV● , NSYTRAXPV and NSYTRABCP5 marking cards	1	NSYTRABMP1
	For NSYTRAFBPV● marking cards	1	NSYTRABMP2
	For ZBY● marking elements ⁽¹⁾	1	NSYTRABMP3
Pen, disposable	0.25 mm line, black	1	NSYTRAPEN2
	0.35 mm line, black	1	NSYTRAPEN3

(1) Can print **ZBY0102**; **ZBY0501** and **ZBY0502** marking elements and all marking sheets: **NSYTRABCV●**; **ZBY4100**; **ZBY001**; **ZBY5100** and **ZBY1101**.

PB602352-28.eps



NSYTRABC●

Marking inserts for collars

360 inserts for marking collars, A4 format, perforated 15 x 4 mm inserts

Polyester (Silicone and halogen free)

White, yellow, red or blue

V0

-40...+100

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with any office printer, plotter or pen

PB602330-32.eps



NSYTRABCP5

Marking card for collars

Marking card with 50 inserts for marking collars 15 x 4 mm inserts

Polycarbonate

White

V0

-40...+120

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with plotter or pen

Sold in lots of

Unit reference

-

-

-

-

-

-

10

NSYTRABCP1

10

NSYTRABCP2

10

NSYTRABCP3

10

NSYTRABCP4

Sold in lots of

Unit reference

-

-

-

-

-

-

-

-

-

-

-

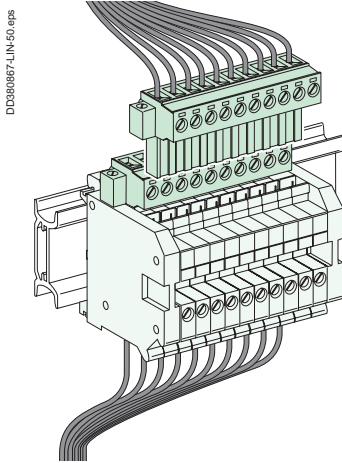
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-

10

NSYTRABCP5

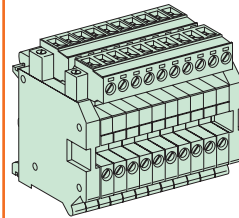


DD380867-LIN-50.eps

Description

For distributing auxiliary voltages in power and regulation equipment.

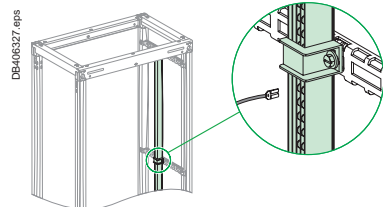
Terminal block for auxiliary wiring



DD381644-LIN-30.eps

Standards	IEC	UL
Rated operational current at 40 °C (Ie)	12 A	20 A
Rated operational voltage (Ue)	250 V AC	300 V AC
Rated impulse withstand voltage (Uimp)	4 kV	
Connection capacity	Input	10 (grey)
	Output	2 x 10 (grey)
Dimensions (H x W x D)	(mm)	61 x 48 x 45
Cross-section		0.2 to 4 mm
Tightening torque		0.5 to 0.6 Nm
Composition		3.5 18-mm modules
References	04228	

Four-pole auxiliary bus duct



DB406327.eps

	Duct for 4 conductors
	166 tap-off points with Faston connectors, per linear meter
Rated operational current at 40 °C (Ie)	32 A
Rated insulation voltage (Ui)	660 V AC
Length (mm)	1755
Composition	Supplied with 2 end clamps and 1 lateral clamp for mounting on cable-tie supports
References	04203



All technical information about products listed in this guide are now available on: www.schneider-electric.com

Browse the "product datasheet" to check out:

- > Characteristics
- > Dimensions
- > And also links to user guides, curves, CAD files...

1

From the home page, type the product reference into the "Search" box.

The screenshot shows the Schneider Electric website home page. A green arrow points to the search bar at the top right, which contains the text "LC1D09P7". Below the search bar, the search results are displayed, showing a list of products and services, with the first result being "LC1D09P7 TeSys D contactor - 3P(3 NO) - AC-3 - <= 440 V 9 A - 230 V AC coil". A green magnifying glass icon is positioned over the search bar, and a green arrow points from the search bar to the search results. A green box highlights the search bar and the search results, with the text "Example" and "Then, clic on the green reference" next to it.

2

The product datasheet appears with the technical data and product characteristics at the bottom of the page.

Access to related downloads

The screenshot shows the product page for the LC1D09P7 TeSys D contactor. The page title is "Contactors 4kW to 80kW / 5 pole relays as standard - TeSys D". Below the title, there are tabs for "Overview", "Downloads", "Support", "Find a Distributor", "Part No. data", and "FAQs". The "Downloads" tab is selected, and the "Download & Documents" section is visible. Under "Download & Documents", there are tabs for "Contactors", "Reversing contactors", "Add-on blocks", "Accessories", and "Spare parts". The "Contactors" tab is selected, and the "Your selection" section shows the product details: "LC1D09P7 TeSys D contactor - 3P(3 NO) - AC-3 - <= 440 V 9 A - 230 V AC coil". A green box highlights the "Download LC1D09P7 product datasheet" button. Below the product details, there is a "Discover LC1D09P7 by" section with links for "Characteristics" and "Download & Documents". A green arrow points from the text "Access to related downloads" to the "Download & Documents" link. At the bottom of the page, there is a "Characteristics" section with a table of technical data.

Main	
Commercial Status	Commercialised
Range of product	TeSys D
Product or component type	Contacteur
Device short name	LC1D
Contacteur application	Motor control Resistive load
Utilisation category	AC-1 AC-3
Poles description	3P



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