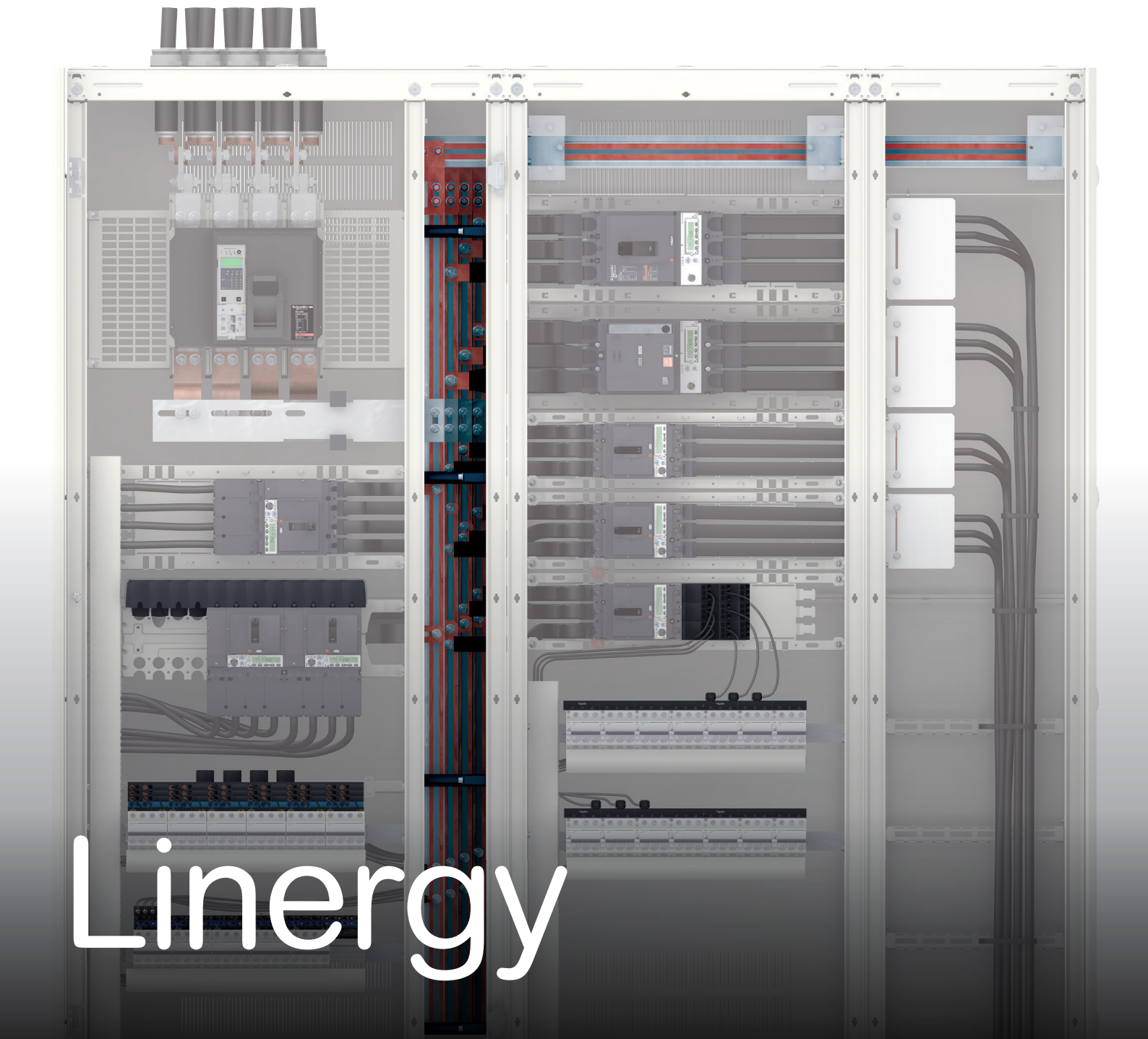




Linergy

Catalog 2024
Distribution and Connection Systems

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Linery distribution and connection systems

Presentation

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NSYTRV44BL	Screw terminal, protective earth, 3 points, 4mm ²	F-4, F-13
NSYTRV44D	Terminal block, Linergy TR, 4mm ²	F-4, F-14
NSYTRV44DBL	Terminal block, Linergy TR, 4mm ²	F-4, F-14
NSYTRV44DPE	Terminal block, Linergy TR, 4mm ²	F-4, F-17
NSYTRV44PE	Terminal block, Linergy TR, 4mm ²	F-2, F-4, F-17
NSYTRV62	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV62BL	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV62PE	Terminal block, Linergy TR, 16mm ²	F-2, F-11, F-36
NSYTRV62TT	Terminal block, Linergy TR, 16mm ²	F-23
NSYTRV62TTD	Terminal block, Linergy TR, 16mm ²	F-4, F-23
NSYTRV62TTPE	Terminal block, Linergy TR, 16mm ²	F-4, F-23
NSYTRV102	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV102BL	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV102PE	Terminal block, Linergy TR, 16mm ²	F-2, F-11
NSYTRV162	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV162BL	Terminal block, Linergy TR, 16mm ²	F-2, F-7
NSYTRV162PE	Terminal block, Linergy TR, 16mm ²	F-2, F-11
NSYTRV162SF	Terminal block, Linergy TR, 16mm ²	F-4, F-20

Index of Commercial References With Description

Com. no.	Description	Page
NSYTRV352	Screw terminal, 3 levels	F-2, F-8
NSYTRV352BL	Screw terminal, 3 levels	F-2, F-8
NSYTRV352PE	Screw terminal, 3 levels	F-2, F-11
NSYTRV502	Terminal block, Linergy TR, 16mm ²	F-2, F-8
NSYTRV502BL	Terminal block, Linergy TR, 16mm ²	F-2, F-8
NSYTRV502PE	Terminal block, Linergy TR, 16mm ²	F-2, F-11
NSYTRV702	Terminal block, Linergy TR, 16mm ²	F-2, F-8
NSYTRV702BL	Terminal block, Linergy TR, 16mm ²	F-2, F-8
NSYTRV1502B	Terminal block, Linergy TR, 16mm ²	F-2, F-9

R...

R9XE110	Caps	C-10
R9XE210	Caps	C-10
R9XE310	Caps	C-10
R9XE410	Caps	C-10
R9XFC04	Connector	C-10
R9XFH112	Resi9 - comb busbar - 1L - 18 mm	C-10
R9XFH118	Resi9 - comb busbar - 1L - 18 mm	C-10
R9XFH157	Resi9 - comb busbar - 1L - 18 mm	C-10
R9XFH212	Resi9 - comb busbar - 1L+N - 18 mm	C-10
R9XFH218	Resi9 - comb busbar - 1L+N - 18 mm	C-10
R9XFH257	Resi9 - comb busbar - 1L+N - 18 mm	C-10
R9XFH312	Resi9 - comb busbar - 3L - 18 mm	C-10
R9XFH318	Resi9 - comb busbar - 3L - 18 mm	C-10
R9XFH357	Resi9 - comb busbar - 3L - 18 mm	C-10
R9XFH412	Resi9 - comb busbar - 3L+N - 18 mm	C-10
R9XFH418	Resi9 - comb busbar - 3L+N - 18 mm	C-10
R9XFH457	Resi9 - comb busbar - 3L+N - 18 mm	C-10
R9XFH518	Resi9 - comb busbar - 3L+N balanced - 18 mm	C-10
R9XFH518G	Resi9 - comb busbar - 3L+N balanced - 18 mm	C-10
R9XFH557	Resi9 - comb busbar - 3L+N balanced - 18 mm	C-10
R9XT20	Caps	C-10



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

Linergy

Think Lineryg!

A



Because Lineryg is...



Flexible

- > **Lineryg** is a complete range of more than 900 references, suitable for all type of applications (electrical distribution, process and control, datacenters, etc.).
- > **Lineryg** can be easily adapted to technical demand, customer habits and preferences.
- > Thanks to their ComPacTness, **Lineryg** products can be easily installed into a minimum of space.
- > **Lineryg** is easy to implement in the shortest possible time.
- > With **Lineryg** you can make changes to your panel on the installation site, right up to the last minute.



Safer

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



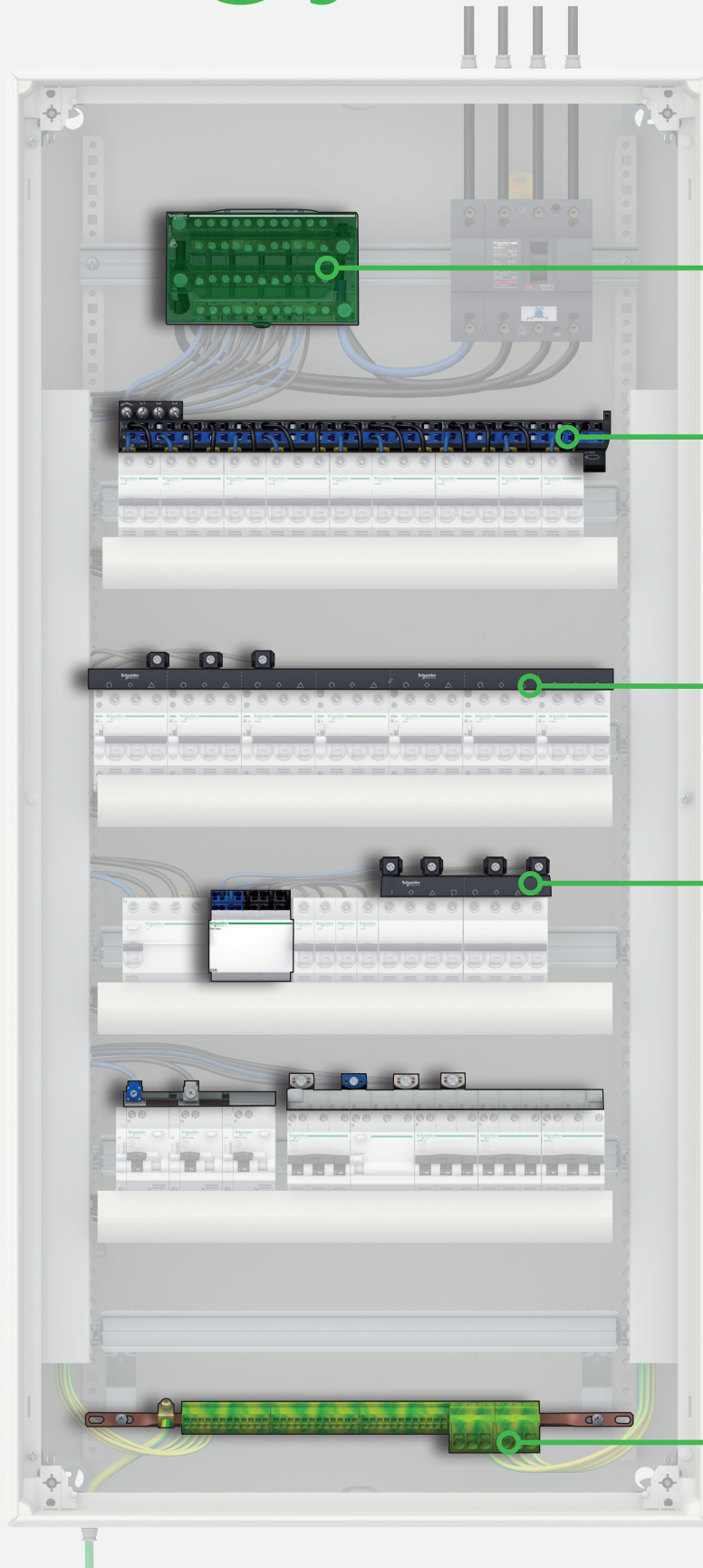
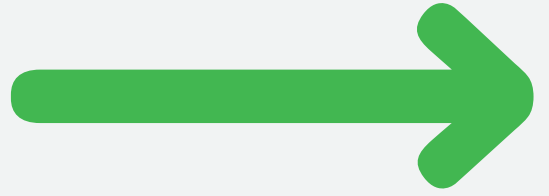
Reliable

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

And much more...



Linergy



Inside PrismaSeT Enclosures and Switchboards, you benefit from IEC 61439 tested solutions.

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

Linerger DS

Distribution Blocks



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

Linerger FM

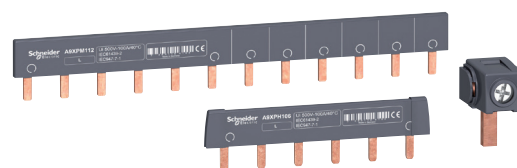
Device Feeders



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

Linerger FH

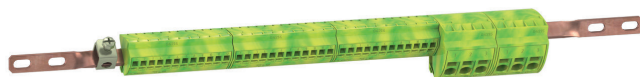
Device Feeders



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

Linerger TB

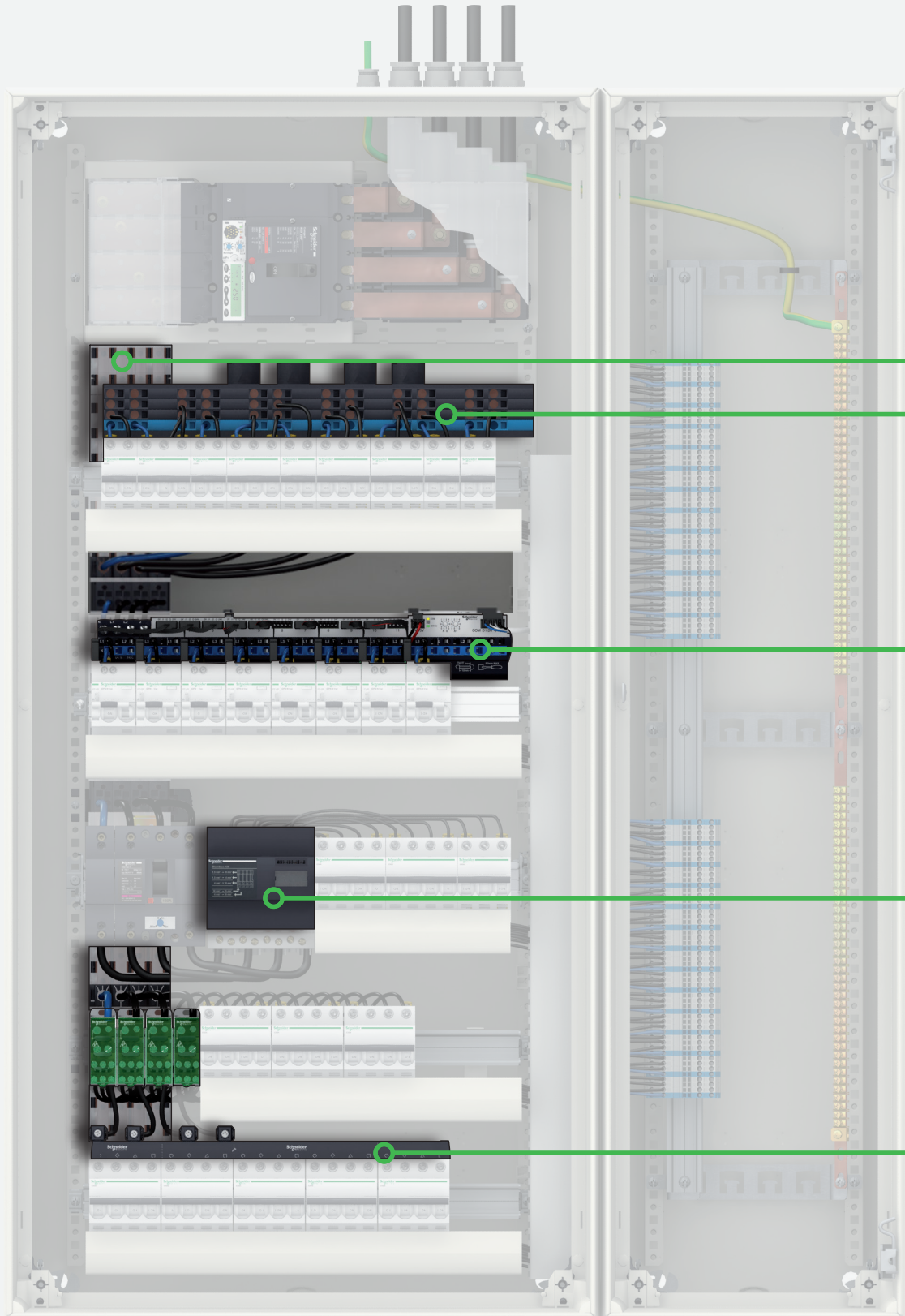
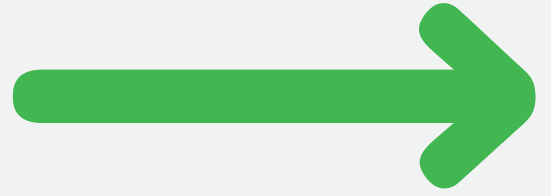
Earth Bars and PE Connectors



- > Minimum space required
- > Quick connection models

A

Linergy



Inside PrismaSeT Enclosures and Switchboards, 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

Lineryg FM

Device Feeders



- > Maximum flexibility to balance your phases

Lineryg DX

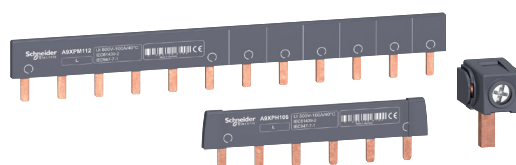
Distribution Blocks



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

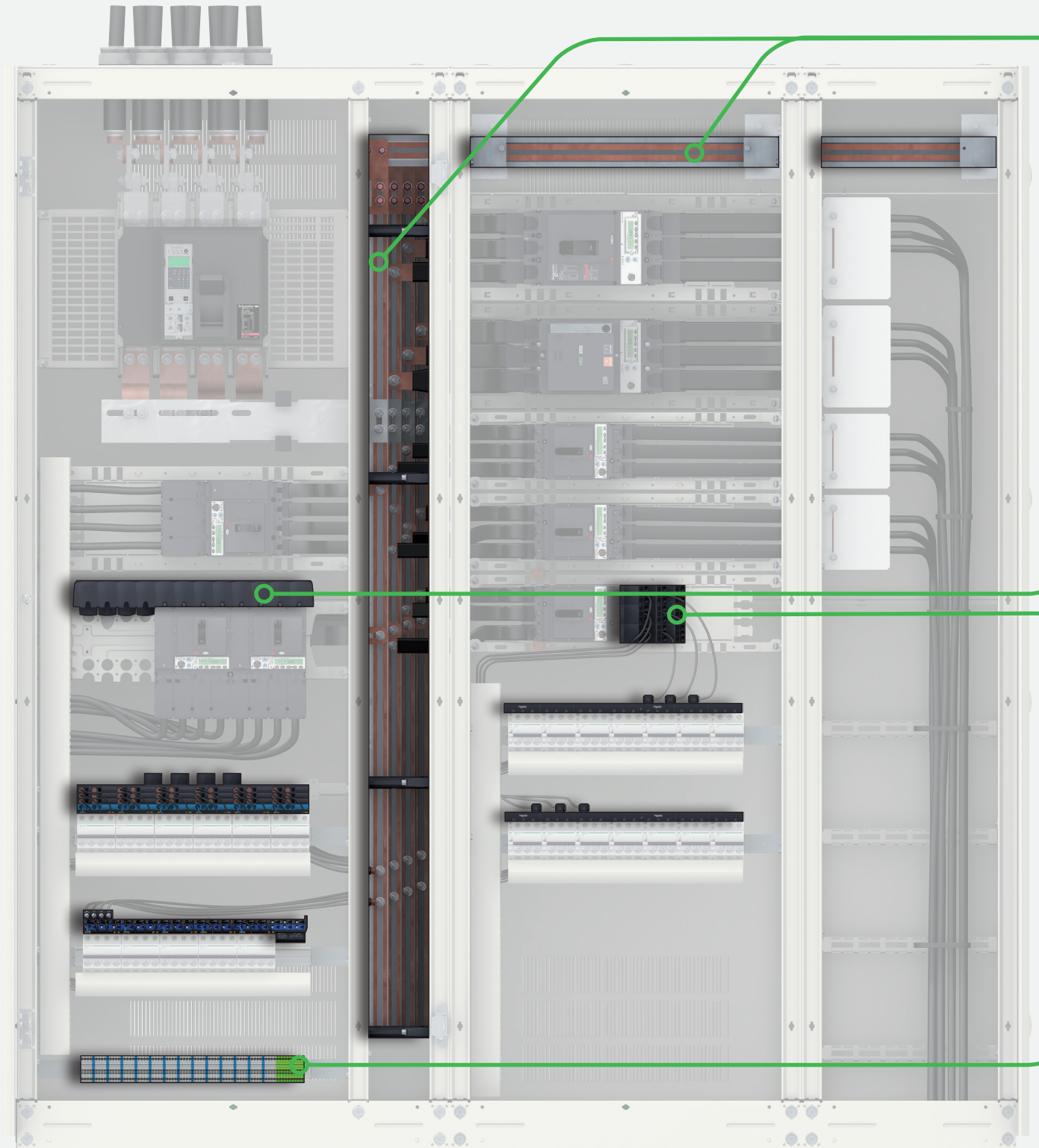
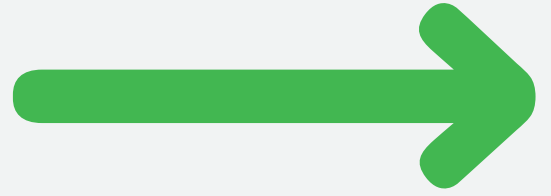
Lineryg FH

Device Feeders



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

Linergy

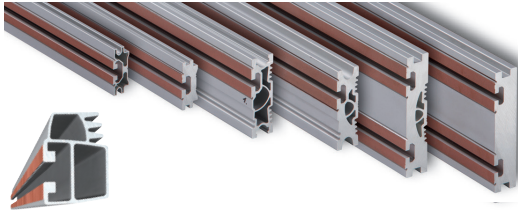


Inside PrismaSeT Enclosures and Switchboards, you benefit from IEC 61439 tested solutions.

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

Lineryg LGY/ LGYE

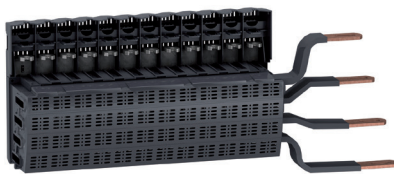
Power Busbars



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

Lineryg FC

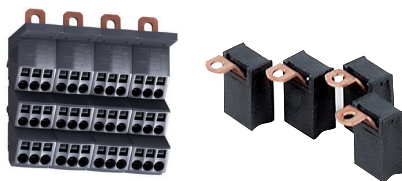
Device Feeders



- > ComPacT NSXm (4 x 4P / 5 x 3P) solution
- > ComPacT NSX (3 x 4P / 4 x 3P) solution
- > Reliable connection
- > Quick connection system dedicated to ComPacT NSXm up to 160 A/ ComPacT NSX up to 250 A

Lineryg DP

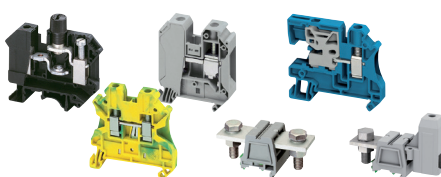
Distribution Blocks



- > Simplicity of use
- > Quick connection system dedicated to ComPacT NSXm up to 160 A/ ComPacT NSX up to 250 A

Lineryg TR

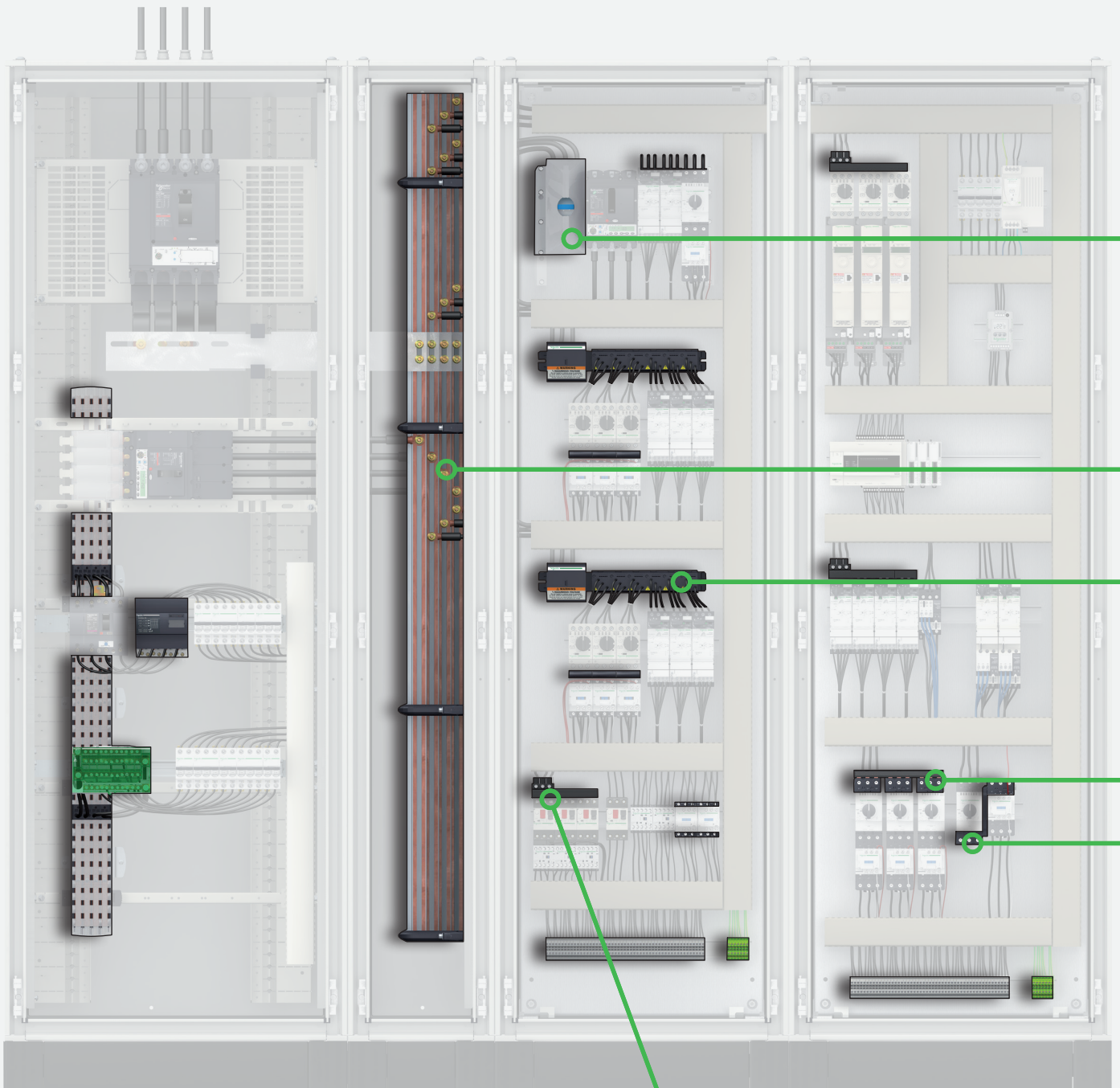
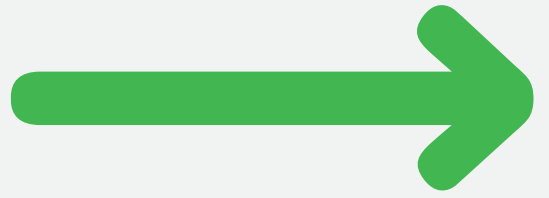
Terminal Blocks



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

A

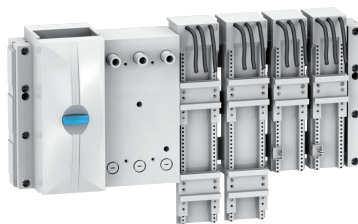
Lineryg



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

Linergy BZ

Power Busbars

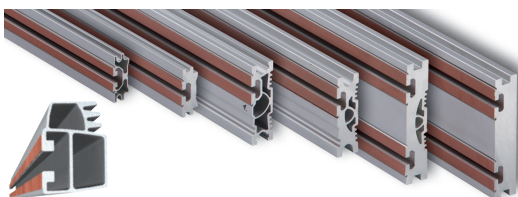


- > Quick connection plates for ComPacT and TeSys offers
- > Multi-standard offering up to 630 A

A

Linergy LGY / LGYE

Power Busbars



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

Linergy HK

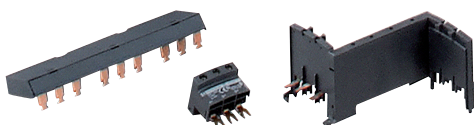
"Hot Plug" Distribution



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

Linergy FT

Device Feeders



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



GreenPremium™

Endorsing sustainable products in the industry



Green Premium is the only label that allows you to effectively develop and promote an environmental policy whilst preserving your business efficiency. This eco label guarantees compliance with up-to-date environmental regulations, but it does more than this.

Over 75% of
Schneider Electric manufactured
products
have been awarded the
GreenPremium eco label



Discover what we mean by
green...

Check your products!

Schneider Electric's Green Premium eco label is committed to offering transparency, by disclosing extensive and reliable information related to the environmental impact of its products:

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Schneider Electric products are subject to RoHS requirements at a world wide level, even for the many products that are not required to comply with the terms of the regulation. Compliance certificates are available for products that fulfil the criteria of this European initiative, which aims to eliminate hazardous substances.

REACH

Schneider Electric applies the strict REACH regulation on its products at a worldwide level, and discloses extensive information concerning the presence of SVHC (Substances of Very High Concern) in all of its products.

PEP: Product Environmental Profile

Schneider Electric publishes complete set of environmental data, including carbon footprint and energy consumption data for each of the life cycle phases on all of its products, in compliance with the ISO 14025 PEP ecopassport program. PEP is especially useful for monitoring, controlling, saving energy, and/or reducing carbon emissions.

EoLI: End of Life Instructions

Available at the click of a button, these instructions provide:

- Recyclability rates for Schneider Electric products
- Guidance to mitigate personnel hazards during the dismantling of products and before recycling operations
- Parts identification for recycling or for selective treatment, to mitigate environmental hazards/incompatibility with standard recycling processes

Distribution blocks

Contents

Linergy DS	B - 2
Screw distribution blocks	B - 2
Linergy DX	B - 4
Quick distribution blocks	B - 4
Linergy DP	B - 6
Quick distribution blocks - ComPacT NSX and INS-INV up to 250 A	B - 6
Quick distribution blocks - ComPacT NSXm up to 160 A	B - 7

Linergy DS

Screw distribution blocks



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 PrismaSeT G and PrismaSeT 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 Ø 9.5 mm	2 x Ø 12 mm	1 x Ø 15.3 mm	2 x Ø 7.5 mm
	2 x Ø 7.5 mm	3 x Ø 7.5 mm	1 x Ø 10 mm	5 x Ø 5.5 mm
	6 x Ø 5.8 mm	8 x Ø 5.8 mm	4 x Ø 6 mm	-
	-	-	8 x Ø 7.5 mm	-
Rated peak withstand current (I _{pk})	25 kA	36 kA	60 kA	24 kA
Rated short-time withstand current (I _{cw}) (IEC/EN 60947-7-1)	4.2 kArms/1 s	8.4 kArms/1 s	14.4 kArms/1 s	3 kArms/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
Reference	LGY112510	LGY116013	LGY125014	LGY410028

Linergy DS

Screw distribution blocks



On LGY412560 and LGY416048 references
Input cabling facilitated by side terminals

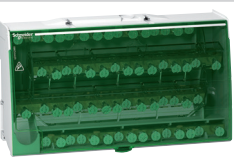
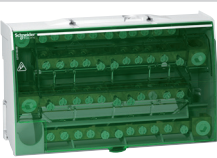
Technical data

Common characteristics

Rated insulation voltage (Ui)	500 V AC
Rated operational voltage (Ue)	230 V AC (Ph/N) 440 V AC (Ph/Ph)
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

				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 Ø 9 mm	1 x Ø 9.5 mm	1 x Ø 12 mm	2 x Ø 7.5 mm	1 x Ø 9 mm	1 x Ø 9.5 mm	
7 x Ø 7.5 mm	3 x Ø 8.5 mm	3 x Ø 9 mm	5 x Ø 5.5 mm	7 x Ø 7.5 mm	3 x Ø 8.5 mm	
4 x Ø 6.5 mm	11 x Ø 6.5 mm	8 x Ø 7.5 mm	-	4 x Ø 6.5 mm	11 x Ø 6.5 mm	
-	-	-	-	-	-	
26 kA	28 kA	36 kA	-	-	-	
4.2 kArms/1 s	4.2 kArms/1 s	8.4 kArms/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		Ø 5.5 mm	Ø 5.8 mm	Ø 6 mm	Ø 6.5 mm	Ø 7.5 mm	Ø 8.5 mm	Ø 9 mm	Ø 9.5 mm
Section	Rigid cable	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	1.5 to 16 mm²	2.5 to 25 mm²	6 to 35 mm²	10 to 35 mm²	10 to 35 mm²
	Flexible cable or with ferrule	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 10 mm²	1.5 to 16 mm²	4 to 25 mm²	4 to 25 mm²	6 to 35 mm²
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		Ø 9.5 mm	Ø 10 mm	Ø 12 mm	Ø 15.3 mm				
Section	Rigid cable	10 to 35 mm²	1.5 to 50 mm²	25 to 70 mm²	35 to 120 mm²				
	Flexible cable or with ferrule	6 to 35 mm²	1.5 to 35 mm²	16 to 50 mm²	25 to 95 mm²				
Tightening torque		8 N.m	4 N.m	1 P: 9 N.m	4P: 5 N.m	14 N.m			

Linergy DX

Quick distribution blocks

IEC 60947-7-1, IEC 61439-2

PB104499-7



PB500024



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
			
		PB104499-6	PB104499-6
Rated operational current at 40°	(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 current Icw	(Icw)		
Rated operational frequency		50/60 Hz	50/60 Hz
Degree of protection		IPxxB	IPxxB
Incoming terminals		1 tunnel terminal 25 ² /ph	1 tunnel terminal 25 ² /ph
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 PrismaSeT		IEC 61439-2	IEC 61439-2
Glow-wire 60695-2-11		960°C	960°C
Degree of pollution		3	3
References		LVS04040	LVS04041

Accessories

References	-	-
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Linergy DX

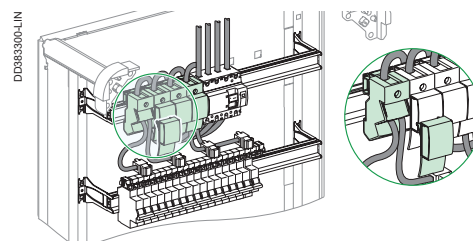
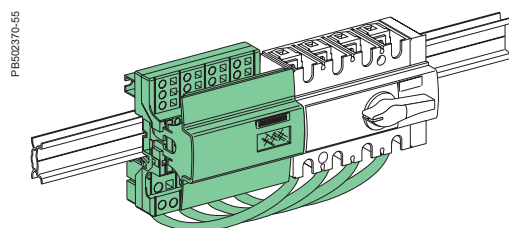
Quick distribution blocks

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.

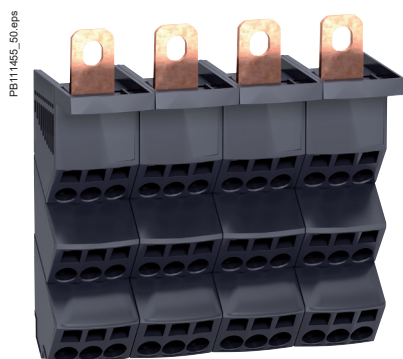
B

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	750 V	750 V	
690 VAC	690 VAC	690 VAC	
8 kV	8 kV	8 kV	
4.5 kA rms/1s	4.5 kA rms/1s		
50/60 Hz	50/60 Hz	50/60 Hz	
IPxxB	IPxxB	IPxxB	
1 tunnel terminal 35 ² /ph	1 tunnel terminal 35 ² /ph	1 tunnel terminal 70/ph	
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 (2nd terminal block supplied from enclosed terminals in the 1st, I _{max} of 2nd terminal block: 80 A)	Possible to combine 2 terminal blocks (2nd terminal block supplied from enclosed terminals in the 1st, I _{max} of 2nd terminal block: 80 A)		
IEC 61439-2	IEC 61439-2	IEC 61439-2	
960°C	960°C	960°C	
3	3	3	
LVS04045	LVS04046	LVS04031	
(4 x 125 A flexible connectors)		Copper spacer (batch of 4)	
LVS04047		LVS04037	



Linergy DP

Quick distribution blocks for ComPacT NSX and INS-INV up to 250 A



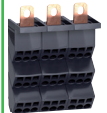
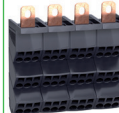
IEC 60947-7-1, IEC 61439-1 and 2

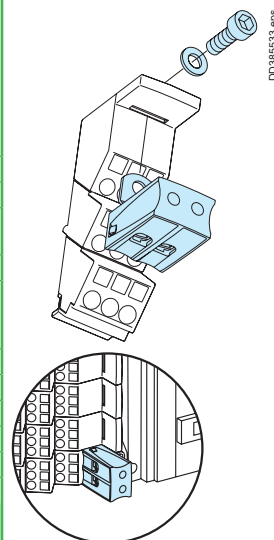
Description

- The Linergy DP Quick distribution block is designed for installation directly downstream of ComPacT NSX and INS-INV 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.

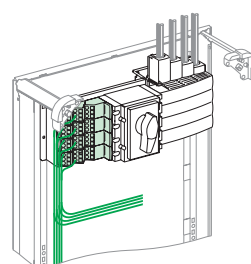
Quick distribution blocks for ComPacT devices			Additional block
Number of poles	3P	4P	3P/4P
	 PB111454-15r.eps	 PB111455-15r.eps	 PB5025-19-1r.eps
Rated operational current (Ie)	250 A	250 A	250 A
Rated peak withstand current (Ipk)	32 kA	32 kA	
Rated short-time current with upstream protection of 150 kA Icc (Icc)	150 kA	150 kA	
Thermal stress (I ² .t)	7.225 x 10 ⁷	7.225 x 10 ⁷	
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
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		
Standard for installation inside PrismaSeT	IEC 61439-1-2		
Glow-wire 60695-2-11	960°C		
References	LVS04033	LVS04034	LVS04155 (3P) LVS04156 (4P)



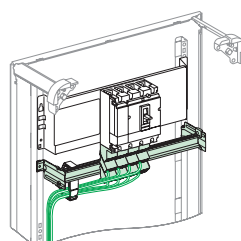
Technical Data

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



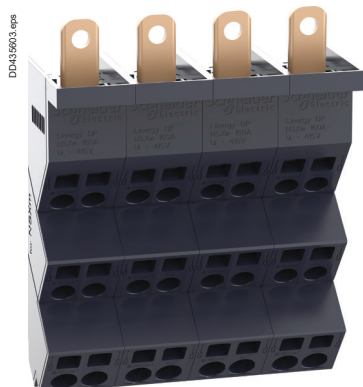
Directly on the mounting plates of horizontally mounted **ComPacT NSX100/250 and ComPacT INS-INV250** devices in the enclosures.



It can also be mounted downstream of vertically mounted **ComPacT NSX100/250 and ComPacT INS-INV250** devices in the enclosures. In this case, the Linergy DP is mounted on a depth-adjustable modular rail.

Linergy DP

Quick distribution blocks for ComPacT NSXm up to 160 A



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

Description

- The Linergy DP quick distribution block is designed for installation directly downstream of ComPacT NSXm up to 160 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.

B

Quick distribution blocks for ComPacT devices

Number of poles	3P	4P
		
Rated operational current (Ie)	160 A	160 A
Rated peak withstand current (Ipk)	20 kA	20 kA
Rated short-time current (Icc)	70 kA	70 kA
Thermal stress (I².t)	4.7 x 10⁶ A²S	4.7 x 10⁶ A²S
Total connection capacity, outgoing terminals	18 connections: 4 x 10²/phase 2 x 16²/phase	24 connections: 4 x 10²/phase 2 x 16²/phase
Incomer terminals	1 cable lug 70 mm² per pole	
Dimensions (H x W x D)	140 X 81 X 58 mm	140 X 108 X 58 mm
Installation	On mounting plate or DIN rail	
Product certifications	ASEFA	
Standard for installation inside PrismaSeT	IEC 61439-1-2	
Glow-wire 60695-2-11	960 °C	
Catalogue numbers	LVS04038	LVS04039

Technical Data

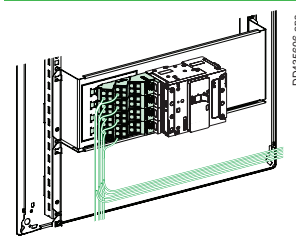
Common characteristics

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)	800 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

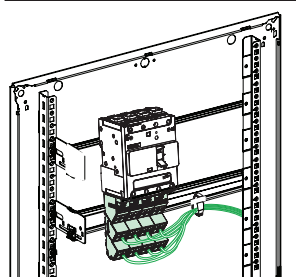
Additional technical characteristics

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

Installation



Directly on the mounting plates of horizontally mounted **ComPacT NSXm** devices in the enclosures.



It can also be mounted downstream of vertically mounted **ComPacT NSXm** devices in the enclosures. In this case, the Linergy DP is mounted on a depth-adjustable modular rail.

Device Feeders

Contents

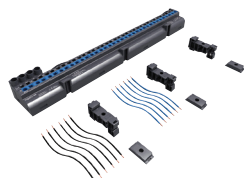
Linergy FM	C - 2
Quick device feeders	C - 2
Linergy FH	C - 4
Horizontal comb busbar for 27mm pitch for C120, NG125	C - 4
Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9	C - 5
Horizontal comb busbar for 9 mm pitch for Acti 9	C - 7
Horizontal comb busbar for 18 mm pitch for Domae	C - 9
Horizontal biconnect comb busbar for 18 mm pitch	C - 10
Linergy FC	C - 12
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Feeders for ComPacT NSXm up to 160 A	C - 14
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Giga High Power contactors - Power wiring accessories	C - 22
Product References	C - 22

Linergy FM

Quick device feeders

IEC 60947-7-1, IEC 61439-2

PE104505-50



Description

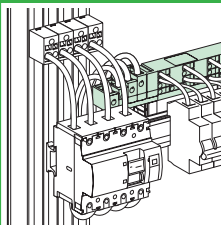
- Distribution over full rows of modular devices.
- The distribution block is generally supplied by busbars in enclosures and cubicles.
- Easy phase balancing.
- Mix of devices and functions in the same row.
- Installation ≥ 160 A: clipped onto the back of a modular rail or screwed onto a solid or pre-slotted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

Distribution blocks

Number of poles	4P	4P
	63 A	80 A
Rated peak withstand current (Ipk)	15 kA	13 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.	
Insulation voltage (Ui)	500 V AC	500 V AC
Rated voltage (Ue)	440 V AC	440 V AC
Rated impulse withstand voltage (Uimp)	6 kV	8 kV
Maximum current (Imax)	-	-
Rated operational frequency	50/60 Hz	50/60 Hz
Degree of protection	IPxxB	IPxxB
Supply at incoming terminals	Enclosed terminals for cables up to 25 mm ²	Enclosed terminals for cables up to 25 mm ²
Total connection capacity at outgoing terminals	Spring terminals: 4 for each phase (2 x 1 to 4 mm ² + 2 x 1 to 6 mm ²) 8 for the neutral (4 x 1 to 4 mm ² + 4 x 1 to 6 mm ²)	Spring terminals for rigid or flexible cables without ferrule: 9 for each phase (2 x 6 mm ² + 7 x 4 mm ²) 17 for the neutral (4 x 6 mm ² + 13 x 4 mm ²)
Width	24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules
Composition	Stripped copper connections (L=100 mm) 10 x 4 mm ² + 6 x 6 mm ²	Stripped copper connections (L=105 mm) 6 mm ² (6 black) 4 mm ² (20 black)
References	LVS04008	LVS04004

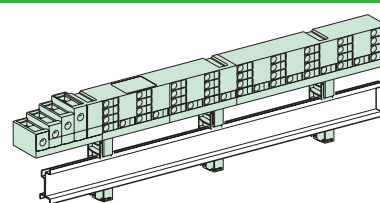
Installation

DD381684-LIN



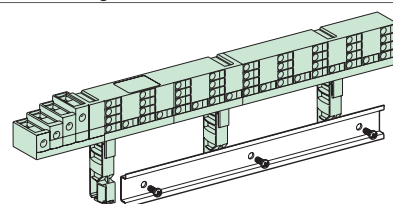
Clipped onto the back of a modular rail, or screw fixing.

DB124195-LIN



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

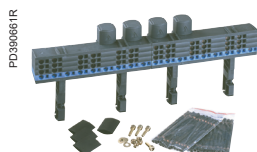
DB124196-LIN



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

Linergy FM

Quick device feeders



PB502500



PB502499



PB502498



PB502497



PB502501

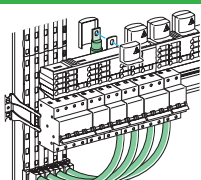


C

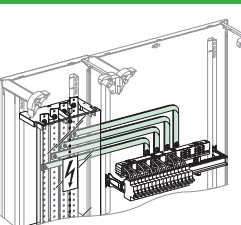
4P	2P	3P	4P	4P
				
160 A	200 A	200 A	200 A	200 A
27 kA	25 kA	25 kA	30 kA	27 kA
The cascading reinforced breaking capacity when combining circuit breakers is maintained. The worst-case scenarios have been tested.				
750 V AC	750 V AC	750 V AC	750 V AC	750 V AC
690 V AC	690 V AC	690 V AC	690 V AC	690 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 10 mm ² cables				
50/60 Hz				
IPxxB				
Direct onto the row by cable 50 mm ² with crimped lug, or flexible bar 20 x 3 From Linergy BW insulated busbar in enclosure or cubicle with connection ref. LVS04021 From Linergy BS sheathed busbar with connection ref. LVS04024 From Linergy BS rear busbar with connection ref. LVS04029				
6 connection points for each phase 9 connection points for the neutral	12 connection points for the phase and the neutral	12 connection points for each phase 18 connection points for the neutral		
24 9-mm pitches 12 18-mm modules	48 9-mm pitches 24 18-mm modules			72 9-mm pitches 36 18-mm modules
2 sachets with 12 stripped copper connections 10 mm ² (L=100 mm) Protective covers for power supply rows (IPxxB) Fixing accessories for power supply rows				
LVS04018	LVS04012	LVS04013	LVS04014	LVS04026

Connections to the distribution block

DD383472-LIN



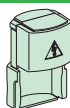
DD383817-LIN



	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 sheathed busbar	Linergy BS rear busbar	Switchgear
References	LVS04021	LVS04024	LVS04029	LVS04030

Spare parts

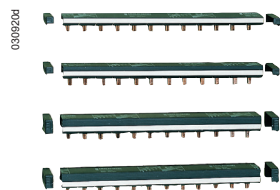
DD384605-LIN



Reference	4 covers for 160/200 A Linergy FM rows
	LVS01202

Linergy FH

Horizontal comb busbar for 27 mm pitch for C120, NG125



IEC 60664-1

Description

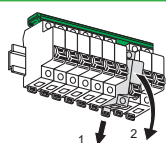
Comb busbars make it easier to install Schneider Electric products.

- 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
	030920d				
		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			
Insulation voltage	(Ui)	620 V			
Rated voltage	(Ue)	500 V			
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			
References		14811	14812	14813	14814

Installation

DB105977-LIN



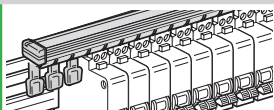
Comb busbars allow dismountability (1-2)

Accessories

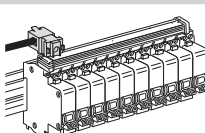
Number of poles	1P, 2P, 3P, 4P	
PG134071		030921d 
	Tooth covers	Insulated connector
		Compatible with all Schneider Electric comb busbars Clip onto the comb busbar's insulating material, which gives them very great stability Receive clip-on markers allowing circuit identification
Use		
		For 25 mm² semi-rigid cable
Set of	20	4
References	14818	-

Installation

DB105977



DB105976



Linergy FH

Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

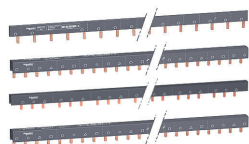
IEC 60947-7-1, IEC 61439-2

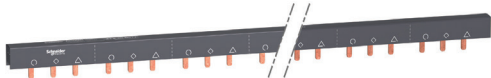
Description

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

PB502379



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)
	PB110252-24											
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										
Insulation voltage (Ui)		500 V										
Rated voltage (Ue)		415 V										
Fire resistance to IEC 695-2-1		Self-extinguishing 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... ...AuxL2AuxL3	AuxL1... ...AuxL2AuxL3
Set of		1	1	1	1	1	1	1	1	1	1	1
References												
6 modules of 18 mm		A9XPH106	-	-	-	-	-	-	-	-	-	-
12 modules of 18 mm		A9XPH112	A9XPH212	A9XPH312	A9XPH412	A9XPH512*	-	-	-	-	-	-
18 modules of 18 mm		-	-	-	-	A9XPH518*	-	-	-	-	-	-
24 modules of 18 mm		A9XPH124	A9XPH224	A9XPH324	A9XPH424	A9XPH524*	-	-	-	-	-	-
57 modules of 18 mm		A9XPH157	A9XPH257	A9XPH357	A9XPH457	A9XPH557*	A9XAH157	A9XAH257	A9XAH357	A9XAH457	A9XAH657	A9XAH557*

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

Installation

PB110290-40



PB110793-40



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 Double terminals
							Comb busbar power supply. Horizontal incomm on each side. For 35 mm² cable. Tightening torque 4 N.m
Set of	10	10	10	10	20	4	4
References	A9XPE110	A9XPE210	A9XPE310	A9XPE410	A9XPT920	A9XPCM04	A9XPCD04

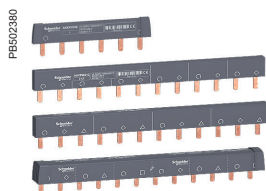
Linergy FH

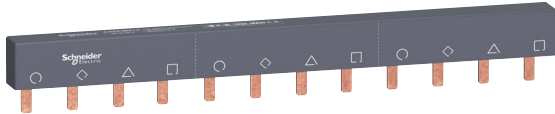
Horizontal comb busbar for 18 mm pitch for Acti 9 / Multi 9

IEC 60947-7-1, IEC 61439-2

Description

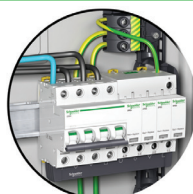
Comb busbars make it easier to install Schneider Electric products.
The phases are identified by symbols on each side of the comb busbar.
Dismountability of devices with Acti 9.



Acti 9 / Multi 9		18 mm poles, not cuttable	
Number of poles		1P	3P
	PB110231-15		
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	
Insulation voltage (Ui)		500 V	
Rated voltage (Ue)		415 V	
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 L1	L1L2L3
Set of		1	1
References			
12 modules of 18 mm		A9XPM112	A9XPM312

Installation

PB110230-40



PB110793-40



Accessoires

						
	Cache-dents		Connecteurs			
	Isoloz les dents libres		Bornes doubles		Monoconnexion	
			Peigne d'alimentation			
Utilisation						
			Arrivée horizontale de chaque côté Pour câble de 35 mm² Couple de serrage 4 N.m.			
Ensemble de	20		4		4	
Références	A9XPT920		A9XPCD04		A9XPCM04	
Installation						
						

Linergy FH

Horizontal comb busbar for 9 mm pitch for Acti 9, C60

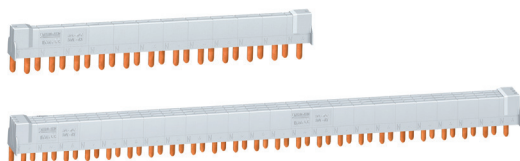
IEC 61439-1

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

PB602382



Acti 9 Ph+N		9 mm poles, cuttable				
Number of poles		1P+N		3P+N		
		DB123729 		DB123730 		
		21501		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				
Insulation voltage	(Ui)	440 V				
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)				
Rated impulse withstand voltage	(Uimp)	6 kV				
Degree of protection		IP20				
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s				
Colour		RAL 7035				
Number of 18 mm modules	Comb busbar	12	24	12	18	24
	Tooth cover	3	6	3	3	6
References		21501	21503	21505	LVS09516	21507
Comb busbars alone						
Number of 18 mm modules	Comb busbar	48		48		
References		21089		21093		

C60/ID Group Feeder comb busbars alone

Number of poles		3P+N		
		DB101184-10		
				
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		
Insulation voltage (Ui)		440 V		
Rated voltage (Ue)		230 V (P4 + N) - 400 V (3Ph + N)		
Rated impulse withstand voltage (Uimp)		6 kV		
Degree of protection		IP20		
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
References		A9XPC812	A9XPC848	A9XPC948

Accessories

Number of poles		1P+N	3P+N		
		DB123732	DB123733	DB123731	
					
		End-pieces		Tooth covers (3 x 18-mm modules)	Tooth covers (1 x 18-mm module)
Set of		40		12	10
References		21094	21095	21096	10405
					21098

Linergy FH

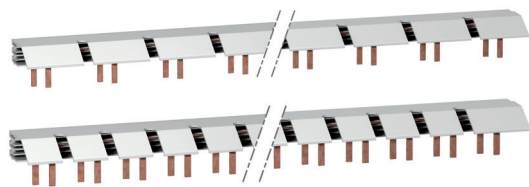
Horizontal comb busbar for 9 mm pitch for Acti 9

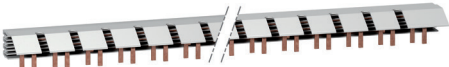
IEC 61439-1

Description

- Connection of Clario, Prodis and Libro 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 PrismaSeT switchboard
- 1P+N comb busbars with PrismaSeT and Pragma 24

PB502383



Acti 9		9 mm poles, cuttable			
Number of poles		1P+N	3P+N	1P+N	3P+N
		PB10801-10 			
		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			
Insulation voltage	(Ui)	500 V			
Rated voltage	(Ue)	230 V (P4 + N) - 400 V (3Ph + N)			
Degree of protection		IP20			
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
References		A9N21035	A9N21036	A9N21037	A9N21038

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	
References	A9N21039	A9N21040	A9N21041	A9N21042	A9N21050

Linergy FH

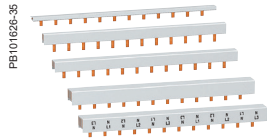
Horizontal comb busbar for 18 mm pitch for Domae

IEC 61439-1, IEC60664

Description

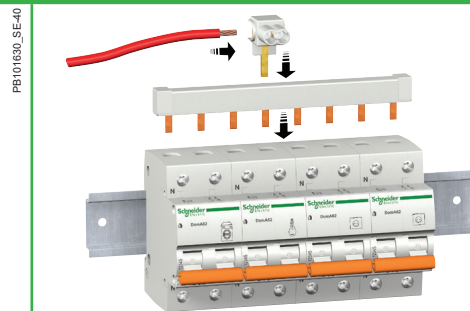
Comb busbars:

- 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		L1N/L2N/L3N	
		PB602372 									
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									
Insulation voltage	(Ui)	500 V									
Rated voltage	(Ue) Ph/N	230 V AC									
	Ph/Ph	400 V AC									
Fire resistance to IEC 695-2-1		Self-extinguishing 850°C 30 s									
Colour		RAL 7035									
Power supply		By 16 mm² semi-rigid or 10 mm² flexible cable With connector									
Number of 18 mm modules		12	57	12	57	12	57	57		57	
References		EZ9XPH112	EZ9XPH157	EZ9XPH212	EZ9XPH257	EZ9XPH312	EZ9XPH357	-		-	

Installation



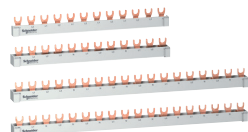
Accessories

Type	Connectors (4, 35 mm ²)	End-pieces (2 phases)	End-pieces (3 phases)	End-pieces (4 phases)	Tooth covers
Set of	1	10	10	10	10
References	EZ9XPC04	EZ9XPE210	EZ9XPE310	-	-

Linergy FH

Horizontal biconnect comb busbar for 18 mm pitch

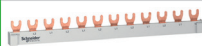
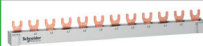
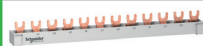
PB602361



IEC60664-1

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											
Insulation voltage (Ui)				500 V											
Rated voltage (Ue)				230 V AC											
				Ph/N											
				Ph/Ph											
Fire resistance to IEC 695-2-1				Self-extinguishing 960°C 30 s											
Colour				RAL 7035 (grey)											
Use				Power supply: into box lug (25 mm² rigid or 16 mm² flexible) or by connector (35 mm² rigid or 25 mm² 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
References				R9XFH112	R9XFH118	R9XFH157	R9XFH212	R9XFH218	R9XFH257	R9XFH312	R9XFH318	R9XFH357	R9XFH412	R9XFH418	R9XFH457

Installation

DB405995



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											
Insulation voltage (Ui)		500 V											
Rated voltage (Ue)		230 V AC											
		Ph/N											
		Ph/Ph											
Fire resistance to IEC 695-2-1		Self-extinguishing 960°C 30 s											
Colour		RAL 7035 (grey)											
Use													
Type		NL1L2L3L4 - NL1NL2NL3						NL1NL2NL3					
Number 18 mm, modules		18						18					
Set of		1						1					
References		R9XFH518G						R9XFH518					

Installation

DB405995



Accessories

Number of poles		1P	2P	3P	4P		
							
		End-pieces				Tooth covers	
Set of		10				20	
References		R9XE110	R9XE210	R9XE310	R9XE410	R9XT20	R9XFC04

Linergy FC

Feeders for ComPacT NSX and INS-INV up to 250 A

IEC 61439-1 and 2

Description

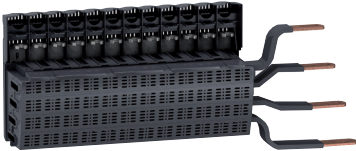
Linergy FC is an insulated horizontal distribution block. It connects directly to the mounting plate and can supply:

- Three 4P and four 3P ComPacT NSX circuit breakers, whatever the ratings (100, 160 or 250 A), the operating systems (toggle, rotary handle, motor mechanism), whether fixed or plug-in, front or rear connection (the circuit breakers must be equipped with long terminal shields downstream)
- Three 4P or four 3P ComPacT INS-INV switch-disconnectors, whatever the ratings (100, 160 or 250 A), whether front or rear connection.
- The design and small size blend perfectly with the devices.
- It can be supplied by Linergy BS or Linergy LGY busbars positioned to the left or right.
- Fully insulated, Linergy FC contributes to the safety of life and property. Numerous and 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 interchange 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.

PB602507-48_reps

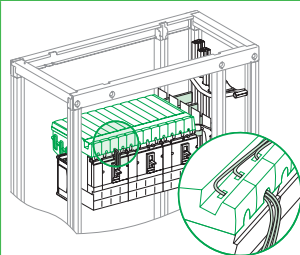


PB602503-48_reps

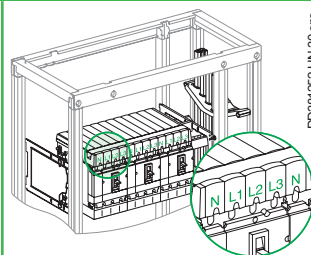


	Distribution block for ComPacT NSX 100/250 Toggle/Fixed+Connection		Distribution block for ComPacT NSX 100/250 Toggle/Fixed+Connection		Distribution block for ComPacT NSX 100/250 Fixed W/O Connection	
	 PB602507-48_reps		 DD435008_eps		 PB602503-32_reps	
	Linergy FC with prefabricated connections by insulated flexible bars (1)		Linergy FC with prefabricated connections (1)		Linergy FC without prefabricated connections (1)	
Number of poles	3P	4P	3P	4P	3P	4P
Connection to	Linergy LGY busbars		Linergy BS, Linergy LGY or Linergy LGYE Aluminum profile busbars		Linergy BS, Linergy LGY or Linergy LGYE Aluminum profile busbars	
Number of devices	4	3	4	3	4	3
Composition	Self-adhesive labels to mark the phases for connections to the busbars.					
PrismaSeT P Mounting plates						
Toggle, Fixed, NSX100/250	LVS03420	LVS03420	-	-	LVS03420	LVS03420
Toggle, Plug-in, NSX100/250	-	-	LVS03423	LVS03423	LVS03423	LVS03423
Rotary handle, motor mechanism, Fixed, NSX100/250	-	-	LVS03422	LVS03422	LVS03422	LVS03422
Cat. no.	LVS04403	LVS04404	LVS04405	LVS04406	LVS04407 (2)	LVS04408 (2)

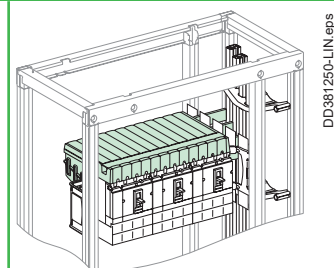
Implementation



Auxiliary wires running in the built-in trunking.



Phase marking on the front of the distribution block.



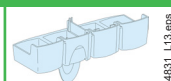
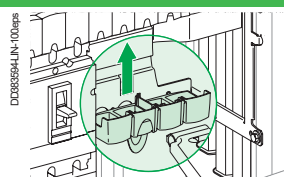
(1) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (LVS04922). In this case, use the form 2 restoration kit (LVS04924).

(2) For the connection, use insulated flexible bars, 32 x 8 mm cat. no. LVS04753; Each connection must not be longer than 500 mm. This size is validated with Schneider Electric insulated flexible bars.

Linergy FC

Feeders for ComPacT NSX and INS-INV up to 250 A

Accessories



Tooth caps

The caps block off the reserve terminals on a Linergy FC distribution block. Made of an insulating material, they simply clip on from the front.

Catalogue numbers

LVS04809

Characteristics

Common characteristics

Rated operational current at 40°	(In)	Distribution-block derating follows the normal derating curves of ComPacT NSX and INS-INV
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 electrical characteristics are perfectly compatible with the connected devices. Neither the temperature derating curves nor the performance levels of the circuit breakers and switch-disconnectors are altered.
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 short-time current with upstream protection of 85 kA lcc	(Icc)	85 kA
Thermal stress	(I².t)	2.500 x 10⁷
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.

Linergy FC selection table for special cases

For most installations, the temperature around the switchboard is 40 °C, corresponding to an average temperature of 60 °C inside the switchboard.

Under certain conditions, the temperature inside the switchboard may be different.

(A) Rated operational current as a function of the temperature inside the switchboard

Temperature (°C)	40	45	50	55	60	65	70
I _{nc} (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, apply the diversity factor K:

- Linergy FC 3P: K = 0.8
- Linergy FC 4P: RDF = 0.9.

Linergy FC

Feeders for ComPacT NSXm up to 160 A

IEC 61439-1 and 2

Description

Linergy FC is an insulated horizontal distribution block. It connects directly to the mounting plate and can supply:

- Four 4P and five 3P ComPacT NSXm circuit breakers (four 3P and 4P for ComPacT NSXm Vigi), whatever the ratings (63, 100 or 160 A) with toggle and direct rotary handle operating mechanism.
- The design and small size blend thoroughly with the devices.
- It can be supplied by Linergy BS, Linergy LGYE Aluminum profile and Linergy LGY busbars positioned to the left or right.
- Fully insulated, Linergy FC helps to protect life and property. Numerous and 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 interchange 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 considered. Spacious trunking is built into the blocks for the auxiliary wiring.

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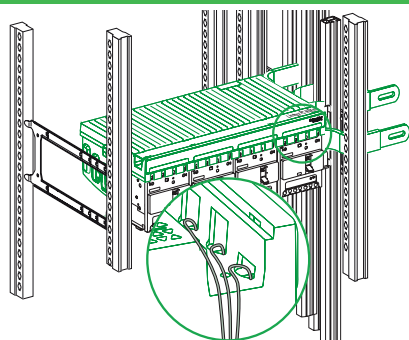


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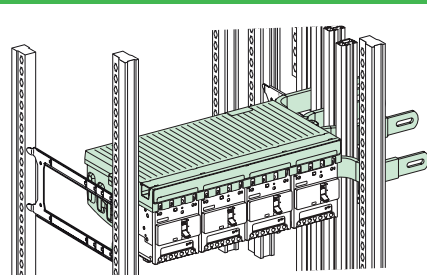


	ComPacT NSXm - Toggle (with Everlink terminal)		ComPacT NSXm - Toggle/ DRH (with Everlink terminal)			
						
	Linergy FC with pre-fabricated connections by insulated flexible bars (1)		Linergy FC with pre-fabricated connections (1)		Linergy FC without pre-fabricated connections (1)	
Number of poles	3P	4P	3P	4P	3P	4P
Connection to	Linergy LGY busbars		Linergy BS and Linergy LGYE Aluminum profile busbars			
Number of devices	5 (2)	4	5 (2)	4	5 (2)	4
PrismaSeT P Mounting plates	LVS03416	LVS03416	LVS03416	LVS03416	LVS03416	LVS03416
Cat. no.	LVS04410	LVS04411	LVS04412	LVS04413	LVS04419 (3)	LVS04420 (3)
	LVS04416 (3)		LVS04417 (3)		LVS04418 (3) (4)	

Implementation



Auxiliary wires running in the built-in trunking.



(1) The connection of a Linergy FC distribution block using pre-wired connectors or insulated flexible bars is not compatible with Form 2 partitioning (LVS04922). In this case, use the form 2 restoration kit (LVS04924).

(2) Linergy FC configuration having NSXm with Vigi can mount four devices in a row for both 3P and 4P.

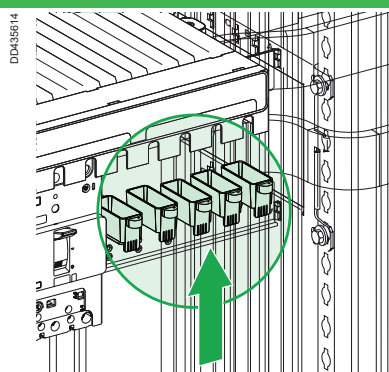
(3) For the connection, use insulated flexible bars, 32 x 6 mm cat. no. LVS04752; Each connection must not be longer than 500 mm. This size is validated with Schneider Electric insulated flexible bars.

(4) The catalogue reference number is used only with NSXm Vigi.

Linergy FC

Feeders for ComPacT NSXm up to 160 A

Accessories



Tooth caps

The caps block off the reserve terminals on a Linergy FC distribution block. Made of an insulating material, they simply clip on and install the screw from the front.

Catalogue numbers

LVS04810

Characteristics

Common characteristics

Rated operational current at 40°	(In)	Distribution-block derating follows the normal derating curves of ComPacT NSXm
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 electrical characteristics are perfectly compatible with the connected devices. Neither the temperature derating curves nor the performance levels of the circuit breakers and switch-disconnectors are altered.
Rated insulation voltage	(Ui)	800 V AC
Rated operational voltage	(Ue)	690 V AC
Rated impulse withstand voltage	(Uimp)	8 kV
Rated peak withstand current	(Ipk)	18 kA
Rated short-time current with upstream protection of 85 kA Icc	(Icc)	50 kA
Thermal stress	(I².t)	4.5 x 10⁶ A²S
Rated conditional short-circuit current of an assembly		Short-circuit withstand current compatible with the breaking capacity of the ComPacT NSXm circuit breakers connected to the distribution block.

Linergy FC selection table for special cases

For most installations, the temperature around the switchboard is 40 °C, corresponding to an average temperature of 60 °C inside the switchboard.

Under certain conditions, the temperature inside the switchboard may be different.

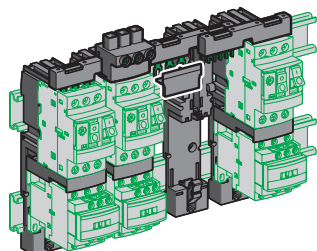
(A) Rated operational current as a function of the temperature inside the switchboard

Ambient Air Temperature outside panel (°C)		35	40	45	50
IP31(A)	3P	600	575	550	525
	4P	500	480	460	440
IP55 (A)	3P	515	500	475	450
	4P	460	440	420	400

Linergy FT

Tesys comb busbar

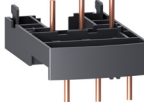
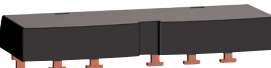
PB502399



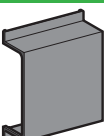
Description

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

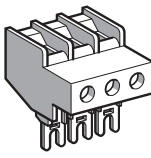
- Supply power to a group of blocks (combs and connection blocks GV2 G ●)
- Fix a fuse-carrier and a contactor on top of one another (mounting plate LAD 311)
- Interconnect a fuse-carrier and its contactor (rigid wiring modules GV2 AF ●, LAD 3 ●)
- Using them creates considerably more space in the switchboard 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
References	GV2AF01	GV2AF3	GV2AF4	GV3S	GV3G264	GV3G364

Accessories

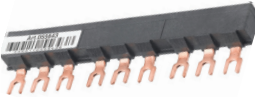
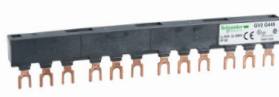
					
	Protective end cover	Terminal block for supply to one or more GV2 G busbar sets		Cover for terminal block	Flexible 3-pole connecting a GV2 to a contactor LC1-D09... D25
	For unused busbar outlets	Connection from the top	Can be fitted with current limiter GV1 L3 (GV2 ME and GV2 P)	For mounting in modular panels	Centre distance between mounting rails: 100... 120 mm
Set of	5	1	1	10	10
References	GV1G10	GV1G09	GV2G05	-	GV1G02

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 D09...D38	DT20, DT25 (4P) DT20, DT25 (4P)	DT32, DT40 (4P) DT32, DT40 (4P)	D40A...D65A D40A...D65A	D80, D95 D80
Set of	1	1	10	10	10	1	2
References	LAD92560	LA9D3260	LA9D2561	LA9D1261	LAD96061	LAD9P32	-

Linergy FT

Tesys comb busbar

Sets of 3-pole 63 A busbars											
PB602384				PB602395			ODAGV2G445			ODAGV2G554	
	2 tap-offs			3 tap-offs		4 tap-offs		5 tap-offs			
	Pitch mm										
	45	54	72	45	54	45	54	72	54		
	GV2G245	GV2G254	GV2G272	GV2G345	GV2G354	GV2G445	GV2G454	GV2G472	GV2G554		

LAD311		PB111888		GK2AF01		GV2GA01	
	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
	LAD311		GV1F03		GK2AF01		GV2GA01

3-pole			4-pole		
ODALAD9D0962			ODALAD9D0963		
	D09...D38	D40A...D65A		DT20, DT25	D80, D95
	D09...D38	D40A...D65A		DT20, DT25	D80
	10	1		2	2
	LAD9P3	LAD9P33	LA9D80962	LA9D1263	LA9D80963

Linergy FT

Tesys comb busbar

For 3-pole reversing contactors

									
	LAD9R1	LAD9R3	LA9D8069						
	Kits for assembly of reversing contactors			Power connections					
Composition	■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing)	■ A mechanical interlock LAD 9V2 without electrical interlock ■ A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing)	■ A mechanical interlock LAD 4CM ■ A set of power connections LA9 D65A69	■ 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
References	LAD9R1V	LAD9R1	LAD9R3	LAD9V5 + LAD9V6	LAD9V12 + LAD9V13	LA9D65A69	LA9D8069	LA9D8069	LA9D11569

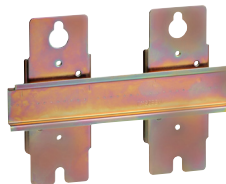
For 4-pole changeover contactor

									
		LA9D6570	LA9 D6570						
	Kits for assembly of changeover contactor pairs		Sets of power connections						
Composition	■ A mechanical interlock LAD 9V2 with electrical interlock LAD 9V1 ■ A set of power connections (changeover) LAD 9V7	■ 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
References	LADT9R1V	LADT9R1	LA9D65A70	LA9D8070	LA9D8070	LA9D11570	-	LA9D8070	LA9D8070

Linergy FT

Tesys comb busbar

C



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)

Equipment mounting plates

LC1 D09 and D12	LC1 D18 to D32	LC1 D40A and D50A	LC1 D80	LC1 D09, D12 and D18	LC1 D32	LC1 D40A and D50A	LC1 D80
LAD91217	LAD93217	LAD9SD3	LA9D8017	-	-	-	LA9D80973

For 3-pole changeover contactor pairs

LA9D90570



Mechanical interlocks

Without integral electrical interlock

With integral electrical interlock

Sets of power connections

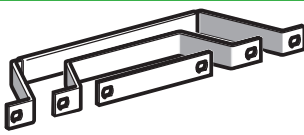
Comprising a set of parallel bars

LC1 D40A...D65A	LC1 D115 and D150	LC1 D115 and D150
LAD9R3S	LA9D11502	LA9D11571

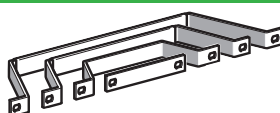
Linergy FT

Tesys comb busbar

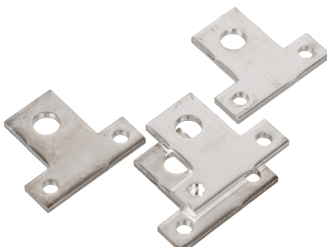
Components for assembling 3-pole reversing contactors and changeover contactor pairs

									
	3-pole reversing contactors for motor control				3-pole changeover contactor pairs				
Horizontal mounting	LC1 F115 (1)	LC1 F150 (1)	LC1 F185 (1)	LC1 F225 (1)	LC1 F265 (1)	LC1 F330 (1)	LC1 F400 (1)	LC1 F500 (1)	LC1 F630 (1) or F800
For assembly of 3-pole reversing contactors for motor control	-	-	LA9FG976	-	LA9FH976	LA9FJ976	LA9FJ976	LA9FK976	-
For assembly of 3-pole changeover contactor pairs	-	-	-	-	-	LA9FJ982	LA9FJ982	-	-

Components for assembling 3 and 4-pole changeover contactor pairs

									
	4-pole changeover contactor pairs								
Horizontal mounting	LC1F1154 (1)	LC1F1504 (1)	LC1F1854 (1)	LC1F2254 (1)	LC1F2654 (1)	LC1F3304 ⁽¹⁾	LC1F4004 (1)	LC1F5004 (1)	LC1F6304 (1)
Set of power connections	-	-	-	-	-	LA9FJ977	LA9FJ977	-	-

Accessories

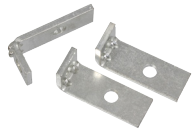
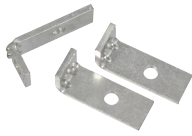
										
	LA9 ● 602					LA9 F ● 601				
	Links for parallel connection of poles (in pairs)					Links for "star" connection of 3 poles				
	LC1 F1154 (1)	LC1 F1504 (1), F1854	LC1 F2254 (1), F2654, F3304, F4004	LC1 F5004 (1)	LC1 F6304 (1)	LC1 F115 (1)	LC1 F150 (1), F185	LC1 F225 (1), F265, F330, F400	LC1 F500 (1)	LC1 F630 (1), F800
References	-	-	-	LA9FK602	-	-	-	-	LA9FK601	-

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

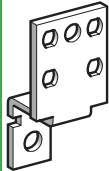
Linergy FT

Tesys comb busbar

Right-angled connectors

									
	LA9 F ● 981			LA9 F ● 979					
Contactors	LC1 F115 (1)			LC1 F150 (1), F185			LC1 F225 (1), 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
References	-	-	-	-	-	-	LA9FJ981	LA9FJ979	LA9FJ980

Right-angled connectors

									
	LA9 FL980								
Contactors	LC1 F500 (1)			LC1 F630 (1), 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			
References	-	-	-	-	-	-			

Accessories

Contactors	LC1 F115 (1)	LC1 F150 (1) and F 185	LC1 F185 (1)	LC1 F225 (1) and F265		LC1 F330 (1) and F400	LC1 F400 (1)	LC1 F500 (1)	LC1 F630 (1), 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
References	-	-	-	-	-	-	-	-	-

(1) Tesys F substitution is on going by TeSys Giga. See dedicated pages to get information about Power Wiring accessories.

Power terminals

'Cable Memory' connection blocks

Cables or busbars can be connected to the contactor by means of the optional memory connection blocks. When the contactor is removed for maintenance, the cables or busbars remain connected to these connection blocks, making reinstallation faster and easier.



LA9G3101

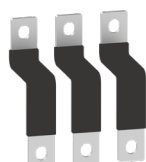
Cable memory ⁽¹⁾

Description	Compatibility with contactors	Quantity Set of	Reference
'Cable memory' for 3-pole contactors - for holding cables in place	LC1G115...LC1G225	2	LA9G3101
	LC1G265...LC1G500	2	LA9G3102
	LC1G630...LC1G800	2	LA9G3103
'Cable memory' for 4-pole contactors - for holding cables in place	LC1G115...LC1G225	2	LA9G4101
	LC1G265...LC1G500	2	LA9G4102
	LC1G630...LC1G800	2	LA9G4103

(1) 'Cable memory' connection blocks are always supplied with Advanced contactor version

Fixed terminals extension

Flexible connecting bars to connect TeSys Giga High power contactors with MCCBs mounted in the same plane and orientation. These bars can be used along with Advanced or Standard version contactors. They help to get a quick and easy connection between contactor and MCCV with saving in installation time.



LA9G3111

'Flexible terminal extension' for MCCBs

Description	Compatibility with contactors	To connect with NSX/NS MCCBs	Quantity Set of	Reference
Flexible terminal extension 3-pole	LC1G115...LC1G225	NSX100...NSX250	3	LA9G3111
	LC1G265...LC1G500	NSX400...NSX630	3	LA9G3112
	LC1G630...LC1G800	NSX800...NS1250	3	LA9G3113
Flexible terminal extension 4-pole	LC1G115...LC1G225	NSX100...NSX250	4	LA9G4111
	LC1G265...LC1G500	NSX400...NSX630	4	LA9G4112
	LC1G630...LC1G800	NSX800...NS1250	4	LA9G4113

Straight terminal extensions



LA9G3601

Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Straight terminal extension	3P	LC1G115...LC1G225	3	LA9G3601
		LC1G265...LC1G500	3	LA9G3602
		LC1G630...LC1G800	3	LA9G3603
	4P	LC1G115...LC1G225	4	LA9G4601
		LC1G265...LC1G500	4	LA9G4602
		LC1G630...LC1G800	4	LA9G4603

Right angled terminal extension



LA9G3682

Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Right angled side terminal extension	3P	LC1G115...LC1G225	3	LA9G3661
		LC1G265...LC1G500	3	LA9G3662
		LC1G630...LC1G800	3	LA9G3663
Right angled large terminal extension	3P	LC1G115...LC1G225	3	LA9G3671
		LC1G265...LC1G500	3	LA9G3672
		LC1G630...LC1G800	3	LA9G3673
Right angled rear terminal extension	3P	LC1G115...LC1G225	3	LA9G3681
		LC1G265...LC1G500	3	LA9G3682
		LC1G630...LC1G800	3	LA9G3683

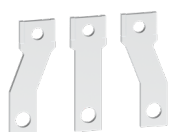


LA9G3631

Edgewise terminal extensions

Description	Suitable for	Compatibility with contactors	Quantity Set of	Reference
Edgewise terminal extension	3P	LC1G115...LC1G225	3	LA9G3632
		LC1G265...LC1G500	3	LA9G3632
		LC1G630...LC1G800	3	LA9G3633
	4P	LC1G115...LC1G225	4	LA9G4631
		LC1G265...LC1G500	4	LA9G4632
		LC1G630...LC1G800	4	LA9G4633

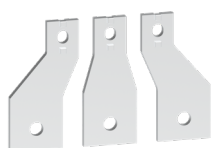
Power terminals



LA9G3611

Spreader kits

Description	Suitable for	Compatibility with contactors	Increase of pole pitch	Quantity Set of	Reference
Spreader kits	3P	LC1G115...LC1G225	35 to 45 mm	3	LA9G3611
		LC1G265...LC1G500	45 to 70 mm	3	LA9G3612
	4P	LC1G115...LC1G225	35 to 45 mm	4	LA9G4611
		LC1G265...LC1G500	45 to 70 mm	4	LA9G4612



LA9G3613

Terminal extension for larger power connections

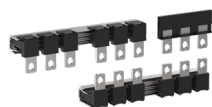
Description	Suitable for	Compatibility with contactors	Power connection size	Quantity Set of	Reference
Terminal connections	3P	LC1G115...LC1G225	50 mm width	3	LA9G3613
		LC1G265...LC1G500	80 mm width	3	LA9G3614
	4P	LC1G115...LC1G225	50 mm width	4	LA9G4613
		LC1G265...LC1G500	80 mm width	4	LA9G4614



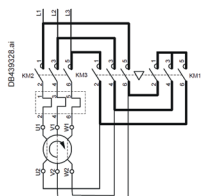
LA9G4711

Edgewise terminal extensions

Description	Suitable for	Compatibility with contactors	Increase of pole pitch	Suitable for box connectors	Quantity Set of	Reference
Edgewise terminal extension	3P	LC1G115...LC1G225	35 to 45 mm	DZ2 FJ1/FH1 & AL400	3	LA9G3711
		LC1G265...LC1G500	45 to 70 mm	DZ2 FJ1/FK1 & AL400/AL600	3	LA9G3712
		LC1G630...LC1G800	70 to 80 mm	DZ2 FL1/FK1 & Type S/AL600	3	LA9G3714
	4P	LC1G115...LC1G225	35 to 45 mm	DZ2 FJ1/FH1 & AL400	4	LA9G4711
		LC1G265...LC1G500	45 to 70 mm	DZ2 FJ1/FK1 & AL400/AL600	4	LA9G4712
		LC1G630...LC1G800	70 to 80 mm	DZ2 FL1/FK1 & Type S/AL600	4	LA9G4714



LA9GQQ330



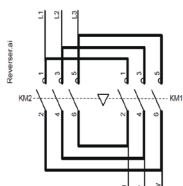
Star-Delta (Wye-Delta) connection kits (1)

Description	Suitable for	for Line (KM2) and Delta (KM3) contactor	+ Star contactor (KM1)	Reference
Connection kit bars for Line-Delta Star contactor assembly	3P	LC1G115...LC1G225	LC1G115...LC1G225	LA9GQQ330
		LC1G265...LC1G500	LC1G115...LC1G225	LA9GSQ330
		LC1G265...LC1G500	LC1G265...LC1G500	LA9GSS330
		LC1G630...LC1G800	LC1G265...LC1G500	LA9GTS330
	3P	LC1G630...LC1G800	LC1G630...LC1G800	LA9GTT330
		LC1G265...LC1G500	LC1G115...LC1G225	LA9GSQ331
		LC1G630...LC1G800	LC1G265...LC1G500	LA9GTS331

(1) UL listed.



LA9G3760

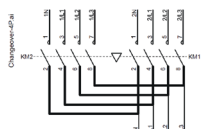
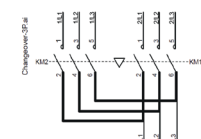


Reverser connection kits

Description	Suitable for	Compatibility with contactors	Reference
Connection kit: bars for reverser contactor assembly	3P	LC1G115...LC1G225	LA9G3760
		LC1G265...LC1G500	LA9G3761
		LC1G630...LC1G800	LA9G3762



LA9G3750



Changeover connection kits

Description	Suitable for	Compatibility with contactors	Reference
Connection kit: bars for changeover contactor assembly	3P	LC1G115...LC1G225	LA9G3750
		LC1G265...LC1G500	LA9G3751
		LC1G630...LC1G800	LA9G3752
	4P	LC1G115...LC1G225	LA9G4750
		LC1G265...LC1G500	LA9G4751
		LC1G630...LC1G800	LA9G4752

Power busbars

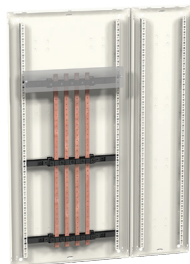
Contents

Linergy BS	D - 2
Rear flat busbars upto 400 A	D - 2
Multi-stage busbars upto 630 A	D - 3
Multi-stage distribution block upto 630 A	D - 4
Common accessories upto 630 A	D - 5
Linergy BW	D - 6
Insulated busbars upto 630 A	D - 6
Linergy LGY, LGYE Aluminum profiles, BS	D - 8
Selection guide upto 4000 A	D - 8
Linergy LGY, LGYE, BS	D - 9
Lateral profiles upto 3200 A	D - 9
LGYE Lateral profiles upto 4000 A	D - 10
BS Lateral Flat Copper Busbars upto 3200 A	D - 11
Linergy LGY, BS	D - 12
Lateral profiles upto 1600 A	D - 12
Linergy LGY, BS	D - 14
Horizontal profiles upto 4000 A	D - 14
Linergy BZ	D - 16
Quick busbar systems	D - 16

Linergy BS

Rear flat busbars up to 400 A

PD30652-SE

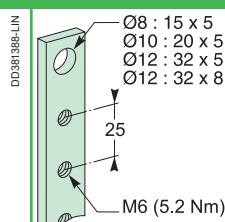


IEC 61439-1 & 2

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

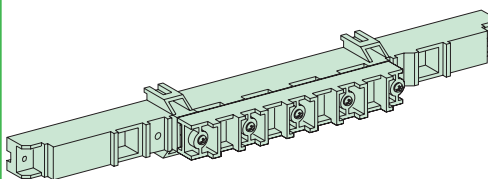


	160 A		250 A		400 A	
Rated peak withstand current (I _{pk})	30 kA		40 kA		55 kA	
Rated insulation voltage (U _i)	1000 V		1000 V		1000 V	
Rated short-time current (I _{cs})	10 kA rms/1s		13 kA rms/1s		25 kA rms/1s	
Conductor cross-section	15 x 5 mm		20 x 5 mm		32 x 5 mm	
Installation	Threaded M6 holes every 25 mm all the way up Connection by: 16 to 50 mm² flexible cables with crimped lugs					
Set of	4					
Length (mm)	1000	1400	1000	1400	1000	1400
References	LVS04161	LVS04171	LVS04162	LVS04172	LVS04163	LVS04173

Insulating busbar support (1)

Distance between supports depending on I _{cs} /I _{pk} (2)	≤ 10 kA rms/1 s/30 kA	450 mm	450 mm	450 mm
	≤ 13 kA rms/1 s/40 kA	-	450 mm	450 mm
	≤ 15 kA rms/1 s/40 kA	-	450 mm	450 mm
	≤ 20 kA rms/1 s/45 kA	-	-	300 mm
	≤ 25 kA rms/1 s/55 kA	-	-	225 mm
Installation	On the rear uprights Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm)			
References	LVS04191	LVS04191	LVS04191	LVS04191

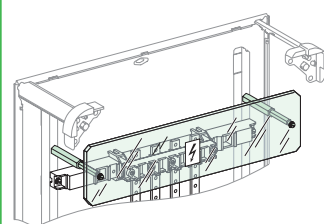
DD381389-LIN



IPxxB insulating protective shield

Length	470 mm	470 mm	470 mm
Height	100 mm	100 mm	100 mm
Composition	Supplied with fixings		
References	LVS04198	LVS04198	LVS04198

AC_05832-LIN

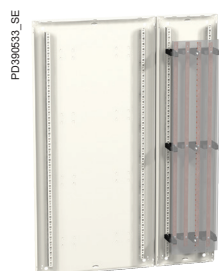


(1) The supports allow installation of a 5th busbar with 15 or 20 x 5 mm cross-section to create the earth collector.

(2) Linergy FM 200 A distribution blocks with connections ref. LVS04029 can act as intermediate supports (max. distance apart 200 mm) in addition to the support ref. LVS04191 at the top and bottom.

Linergy BS

Multi-stage busbars up to 630 A

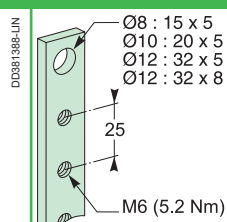


IEC 61439-1 & 2

Description

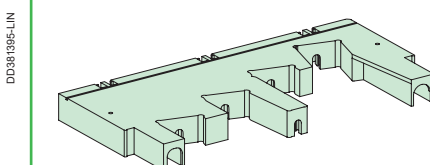
Multi-stage busbars are installed in a sheath L = 300 mm.
We strongly recommend dividing the current between 2 cubicles or enclosures joined on either side.
All the connection points are easily accessible from the front.
The busbar orientation makes them easier to tighten and facilitates running the 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



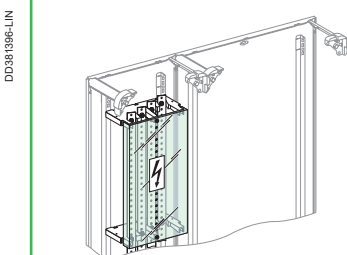
	160 A	250 A	400 A	630 A
Rated peak withstand current (I _{pk})	30 kA	40 kA	55 kA	55 kA
Rated insulation voltage (U _i)	750 V	750 V	750 V	750 V
Rated short-time current (I _{cw})	10 kA rms/1s	13 kA rms/1s	15, 20 kA rms/1s	25 kA rms/1s
Supply at incoming terminals	Connection by: 16 to 50 mm ² flexible 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
References	LVS04161	LVS04171	LVS04162	LVS04172

Insulating busbar support ⁽¹⁾



Support fixing centres in accordance with I _{cw} /I _{pk} ⁽²⁾	≤ 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 PrismaSeT. Screwed onto a solid or pre-slotted plate (450 x 200 mm fixing centres)				
References	LVS04192	LVS04192	LVS04192	LVS04192	LVS04192

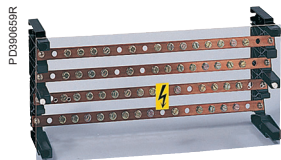
IPxxB insulating protective shield



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. LVS04192			
References	LVS04197	LVS04197	LVS04197	LVS04197

Linergy BS

Multi-stage distribution block up to 630 A



IEC 61439-1 & 2

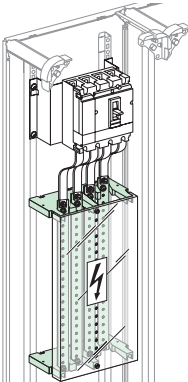
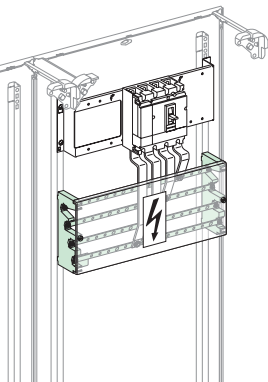
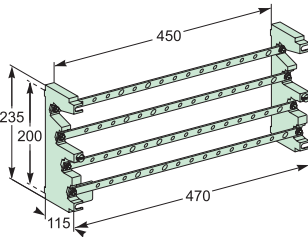
Description

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

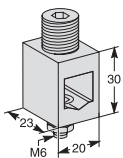
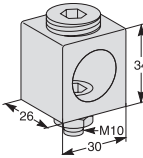
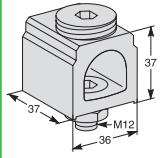
Multi-stage distribution blocks

		DD381342-LIN		DD381343-LIN	
		160 A	250 A	400 A	630 A
Rated peak withstand current	(Ipk)	30 kÂ	30 kÂ	40 kÂ	40 kÂ
Rated insulation voltage	(Ui)	750 V AC			
Rated operational voltage	(Ue)	440 V			
Rated impulse withstand voltage	(Uimp)	8 kV			
Rated short-time current	(Icw)	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: ø 12.2 mm clearance holes 13 outgoing per phase 16 to 50 mm²: M6 tapped holes			
Busbar cross-section		15 x 5 mm	20 x 5 mm	32 x 5 mm	32 x 8 mm
Dimensions (mm)	DD381344-LIN				
Installation		Screwed in horizontal position on functional uprights in enclosures and cubicles (PrismaSeT G) Screwed in vertical position on sheathed uprights (PrismaSeT G) Screwed onto a solid or pre-slotted plate (fixing centres 450 x 200 mm) Screwed onto adapter ref. LVS03595 (PrismaSeT 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			
References		LVS04052	LVS04053	LVS04054	LVS04055

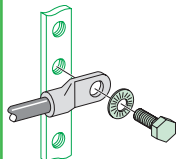
Linergy BS

Common accessories up to 630 A

Incomer accessories

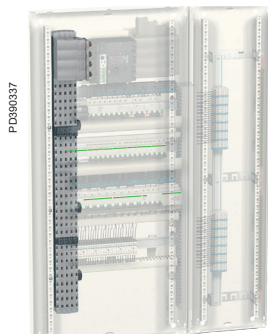
	 E56852	 E56851	 E56850
	Connectors for copper or aluminium cables		
Rated operational current at 40° (Ie)	160 A	250 A	400 A
Supply at incoming terminals	70 mm ² cables	16 to 185 mm ² cables	70 to 300 mm ² cables
Composition	Supplied with fixings at busbar end		
Set of	4		
References	LVS07051	LVS07052	LVS07053

Outgoer accessories

	 DD011398-LIN	
	Class 8.8 fixings	
Composition	20 M6 x 20 screws + 20 nuts + 40 contact washers	40 M6 x 16 screws + 40 contact washers
References	LVS04194	LVS04195

Linergy BW

Insulated busbars up to 630 A



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

Linergy BW busbar

		125 A		160 A		250 A		400 A		630 A	
Rated peak withstand current	(I _{pk})	20 kÂ		30 kÂ		30 kÂ		52.5 kÂ		52.5 kÂ	
Rated insulation voltage	(U _i)	500 V		750 V		750 V		750 V		1000 V	
Rated impulse withstand voltage	(U _{imp})	8 kV		8 kV		8 kV		8 kV		8 kV	
Rated short-time 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
References	3P	LVS04103	LVS04107	LVS04111	LVS04116	LVS04112	LVS04117	LVS04113	LVS04118	LVS04114	LVS04119
	4P	LVS04104	LVS04108	LVS04121	LVS04126	LVS04122	LVS04127	LVS04123	LVS04128	LVS04124	LVS04129

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		■ All switchgear equipped with enclosed terminals ■ Linergy FM 160/200 A		■ All switchgear equipped with enclosed terminals ■ Linergy FM 63/80/160/200 A		■ Linergy FM 200 A
Set of		12		12		4
References		LVS04151		LVS04152		LVS04021
						8
						20
						LVS04150
						LVS04158

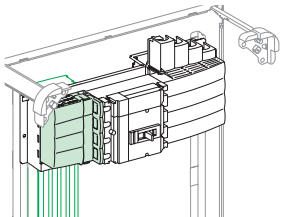
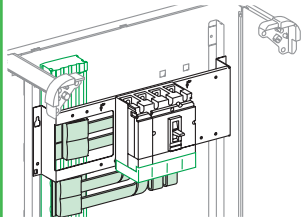
Spare parts

		Linergy BW busbar supports				
Rated operational current at 40° (I _e)		125 A	160 A	250 A	400 A	630 A
Composition		2 busbar supports + 2 end caps + packet of fixing accessories				
References		-	LVS01210	LVS01210	LVS01210	LVS01211
		IPxxB clip-on covers				
Length (mm)		200				
Set of		2				
References		-	LVS01201	LVS01201	LVS01201	LVS01201

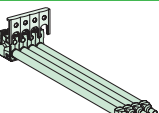
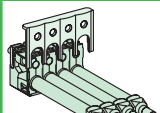
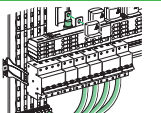
Linergy BW

Insulated busbars up to 630 A

Linergy BW busbar connections with power supply unit

								
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	■ Horizontal NSX100/250 with or without Vigi ■ Horizontal INS-INV250	■ Horizontal NSX400 ■ Horizontal INS-INV320/400	■ Horizontal NSX630 ■ Horizontal INS-INV500/630	■ Enclosed NSX100/250 with toggle switch ■ Enclosed vertical INS-INV250	■ Sheathed NSX100/250 with or without Vigi ■ Sheathed vertical INS-INV250	■ Sheathed NSX400/630 with or without Vigi ■ Sheathed INS-INV320/630	■ Enclosed horizontal NSX100/250 with rotary handle or remote control ■ Vertical Fupact INF100/160, Fupact ISFT100/250	■ Enclosed NSX400/630 with or without Vigi ■ Enclosed INS-INV320/630
	References	LVS04060	LVS04070	LVS04071	LVS04061 + LVS04062	LVS04061 + LVS04064	LVS04074 + LVS04073	LVS04061

Pre-wired connectors

							
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°	125 A	160 A	160 A	160 A	160 A	200 A	
Length	230 mm	250 mm	440 mm	150 mm	150 mm	-	
Used for connecting	■ NG125, INS-INV with enclosed terminals ref. 28947 or 28948	■ INS-INV160, NG125, NG160	■ NG160 (left-hand position), Vigi NG160 (middle position) ■ NG125, INS-INV160, C120, iC120	■ NG160 (left-hand position), NG125, INS-INV160, C120, iC120	■ Linergy FM 200 A		
Set of	4	4	1	1	1	4	
References	LVS04145	LVS04146	LVS04148	LVS04147	LVS04147	LVS04021	

Linergy LGY, LGYE, BS Selection guide up to 4000 A

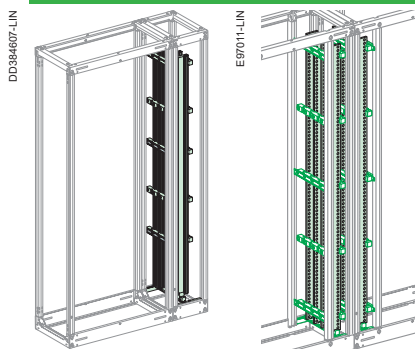
IEC 61439-1 & 2

Description

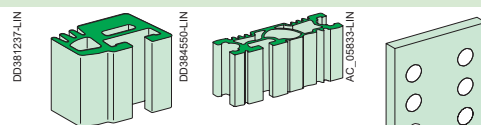
PrismaSeT P and PrismaSeT HD switchboards have a complete, coherent system for routing the electrical current:

- optimised busbars
- pre-wired connectors
- customised distribution blocks

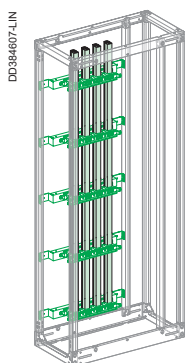
Vertical busbar



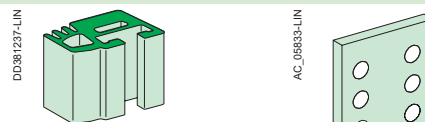
Lateral in sheath



		LGY profile	LGYE profile	Linergy BS flat busbars
Permissible current		Up to 3200 A	Up to 4000 A	Up to 3200 A
Material		Linergy Aluminum profile	Linergy Aluminum profile	Pre-slotted copper
Busbar		8 profile types depending on the current	9 profile types depending on the current	Th. 5 mm up to 1600 A Th. 10 mm up to 3760 A
Busbar length		1670 mm	2000 mm	1675 mm
Installation in PrismaSeT P sheath	150 mm wide	Up to 1600 A	Up to 2500 A	Up to 2500 A
	2 x 150 mm wide	Up to 3200 A		Up to 3200 A
	300 mm wide		For 3200-4000 A	Up to 4000 A
Installation in PrismaSeT HD sheath	300 mm wide	500 mm deep		500, 600 or 800 mm deep

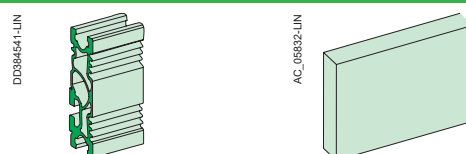
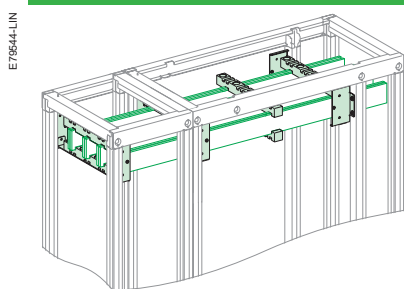


At the back of a cubicle



	LGY profile	Linergy BS flat busbars
Permissible current	Up to 1600 A	Up to 1600 A
Material	Linergy Aluminum profile	Pre-slotted copper
Busbar type	5 profile types depending on the current	10 mm thick up to 1600 A
Busbar length	1670 mm	1675 mm
Installation	In 650 mm wide PrismaSeT cubicle or 700 mm wide PrismaSeT HD cubicle regardless of depth	

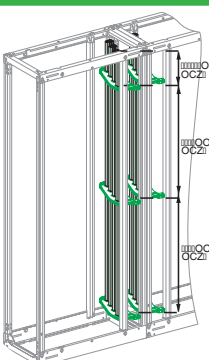
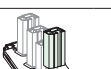
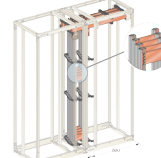
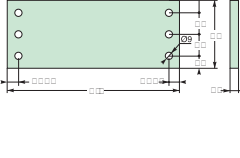
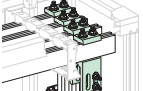
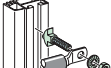
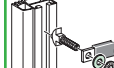
Horizontal busbar



	LGYE profiles	Linergy BS flat busbars
Permissible current	Up to 4000 A	Up to 4000 A
Material	Linergy Aluminum profile	Copper solid busbars
Busbar type	9 profile types depending on the current	5 mm up to 1600 A 10 mm up to 4000 A
Busbar length	2000 mm	2000 mm
Installation	At the top or bottom of the cubicle, horizontally 400 or 600 mm deep for PrismaSeT P 500, 600 or 800 mm deep for PrismaSeT HD	

Linergy LGY

Lateral profiles up to 3200 A

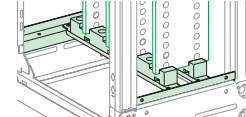
Linergy LGY profiles									
		Up to 1600 A (single busbar)					Up to 3200 A (double busbar)		
In PrismaSeT P sheath		L150					2 x L150		
In PrismaSeT HD sheath		L300					-		
Linergy profile, 1670 mm long									
		DD381233-LIN	DD381234-LIN	DD381235-LIN	DD381236-LIN	DD381237-LIN	DD381238-LIN	DD381239-LIN	DD381240-LIN
									
		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	200 A	2500 A
		IP > 31	590 A	760 A	950 A	1170 A	1480 A	1820 A	2260 A
Number of profiles per phase		1					2		
References		LVS04502	LVS04503	LVS04504	LVS04505	LVS04506	LVS04504	LVS04505	LVS04506
Busbar supports									
									
	Characteristics			An end stop must be fitted on the bottom support: LVS01109 (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	
References		LVS04651 (+ set of 2 upright adapters NSYSFPA for installation in PrismaSeT HD 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 sheaths	
Connections to the Linergy BS horizontal busbar									
									
Characteristics		Fixings supplied. Order 1 connection per phase							
References		5 mm thick	LVS04634 (1000 A)			LVS04635 (1600 A)		-	
according to horizontal busbar size		10 mm thick	Width ≤ 80 mm		LVS04636		2 x LVS04636		
			Width > 80 mm		LVS04636 + LVS04642		2 x LVS04636 + 2 x LVS04642		
Accessories									
									
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.					
		References		25 mm long		LVS04766 (for lug and flexible busbar connection)			
				39 mm long		LVS04767 (for copper busbar connection)			
Steel plain washers		Characteristics		M8 sold in lots of 20					
		References		ext. ø 20 mm		LVS04772			
				ext. ø 24 mm		LVS04773			
				ext. ø 28 mm		LVS04774			
Brass plain washers		Characteristics		M8 sold in lots of 20 for connection of ≤ 25 mm ² lugs to Linergy					
		References		ext. ø 20 mm		LVS04775			
Identification		Characteristics		12 clip-on supports + N, L1, L2, L3, PE, PEN labels					
		References		LVS04794					

Linergy LGYE Aluminum profiles

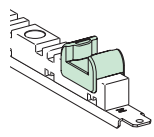
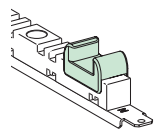
Lateral profiles up to 4000 A

Linergy LGYE Aluminum Profiles																		
	Up to 4000 A																	
In PrismaSeT P sheath	L150							L300										
In PrismaSeT HD sheath	L300																	
Linergy profile, 2000 mm long	DD384536-LIN		DD381236-LIN		DD384538-LIN		DD384539-LIN		DD384540-LIN		DD384541-LIN		DD384542-LIN		DD384543-LIN		DD384544-LIN	
	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																	
References	LVS04560	LVS04561	LVS04562	LVS04563	LVS04564	LVS04565	LVS04566	LVS04567	LVS04568									

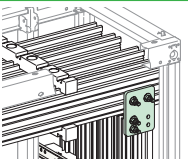
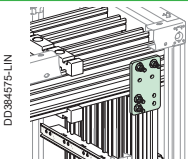
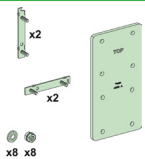
Busbar supports

DD384687-LIN 		GALOYER 	PB503009 	DD383194-LIN 
		Fixed support LVS04661	Support arm LVS04662	LVS04666
	Characteristics	3 fixed supports are compulsory to hold the busbar in position. If more than 3 supports are needed, use support arms (in addition).		
Number depending on I _{cw} (kA rms/1 s)	≤ 30	3		
	≤ 40	-	5	3
	≤ 50	-	5	3
	≤ 60	-	5	3
	≤ 65	-	5	5
	≤ 75	-	7	5
	≤ 85	-	7	5
	≤ 100	-	7	9
References		LVS04661 (fixed support) + LVS04662 (support arm if necessary)		
			LVS04661 (fixed support) + LVS04671 (fixings) + LVS04662 (support arm if necessary)	LVS04661 (fixed support) + LVS04646 (sold in lots of 12 spacers) + LVS04662 (support arm if necessary)

Wedging busbars in position

		
	Wedge fitted on bottom support	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.	
References	LVS04663 (bottom support)	LVS04666 (bottom support) + LVS04661 (fixed support)
	LVS04658 (pack of 12 replacement shims)	LVS04659 (pack of 12 replacement shims)

Connections to the Linergy Evolution LGYE horizontal busbar

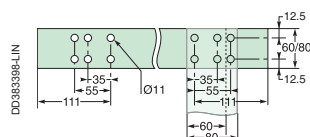
			
Characteristics	≤ 1600 A	2000/2500 A	3200/4000 A
References according to horizontal busbar size	LVS04604 (short connection) LVS04605 (long connection)	LVS04607	

Busbar supports

(1) If using a 100 x 10 bars, add a pack of screws ref. **LVS04671** for each fixed support **LVS04661** and arm support **LVS04662**.

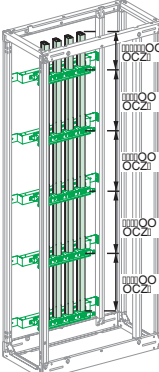
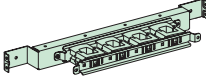
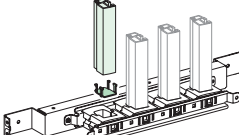
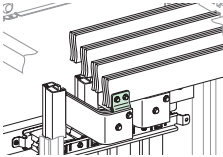
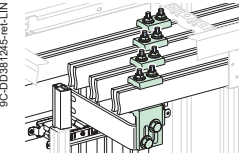
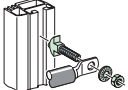
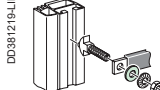
Characteristics

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



Linery LGY

Rear profiles up to 1600 A

Linery LGY profiles				
		Up to 1600 A		
At the back of a PrismaSeT P cubicle		L650		
At the back of a PrismaSeT HD cubicle		L700		
Linery profile, 1670 mm long	DD381233-LIN		DD381234-LIN	
			DD381235-LIN	
			DD381237-LIN	
		630 A	800 A	1000 A
Permissible current for an ambient temp. of 35°C around the switchboard	IP ≤ 31	680 A	840 A	1040 A
	IP > 31	590 A	760 A	950 A
Number of profiles per phase		1		
References		LVS04502	LVS04503	LVS04504
			LVS04505	LVS04506
Busbar supports				
	DD381242-LIN			
	Number	≤ 25	3	
	depending	≤ 30	4	
	on I _{cw}	≤ 40	5	
	(kA _{rms} /1 s)	≤ 50	7	
	Characteristics	DD381243-LIN		
		An end stop must be fitted on the bottom support LVS01109 (sold in lots of 12)		
References		LVS04652		
Connections to the Linery BS horizontal flat busbar				
	DD381244-LIN		9C-DD381245-net-LIN	
		LVS04635 connection to 5 mm thick horizontal busbar	LVS04036 connection to 10 mm thick horizontal busbar	
Characteristics		Fixings supplied, order 1 connection per phase. For part of the connection, flexible insulated busbars are needed.		
References according to horizontal busbar size	5 mm thick	LVS04635		
	10 mm thick	Width ≤ 80 mm	LVS04636	
		Width > 80 mm	LVS04636 + LVS04642	
Accessories				
	DD381216-LIN		DD381216-LIN	
		Screw + nut + contact washer	Plain washer	Identification
Linery 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		
	Reference	25 mm wide	LVS04766 (for lug and flexible busbar connection)	
		39 mm wide	LVS04767 (for copper busbar connection)	
Steel plain washers	Characteristics	M8 sold in lots of 20		
	Reference	ext. ø 20 mm	LVS04772	
		ext. ø 24 mm	LVS04773	
		ext. ø 28 mm	LVS04774	
Brass plain washers	Characteristics	M8 sold in lots of 20 for connection of ≤ 25 mm ² lugs to Linery		
	Reference	ext. ø 20 mm	LVS04775	
Identification	Characteristics	12 clip-on supports + N, L1, L2, L3, PE, PEN labels		
	Reference	LVS04794		

Technical drawing of a 5U rack assembly. The drawing shows a perspective view of the rack with five vertical slots. Each slot contains a component labeled "OC2i". The vertical dimensions are indicated by arrows and labels on the left side of the drawing, showing a total height of 1.85m and individual slot heights of 0.37m. The drawing is labeled "DD39 1503New_modifLUN" in the top left corner.

DD381/244-LIN

DD381/244-LIN

Technical drawings of two types of busbar connections. The left drawing shows a connection with a green terminal block and a green screw. The right drawing shows a connection with a green terminal block and a green screw. Both drawings include dimensions and labels.

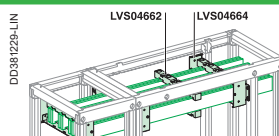
Linergy BS

Horizontal flat busbars up to 4000 A

Flat busbars

Installation in PrismaSeT P and PrismaSeT HD		Up to 1600 A				Up to 4000 A					
Solid copper busbar, 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									
References		LVS04536	LVS04538	LVS04536	LVS04538	LVS04548	LVS04545	LVS04546	LVS04548	LVS04550	LVS04552

Busbar supports

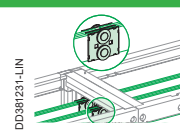
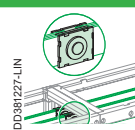


Fixed support **LVS04664** Free Support **LVS04662**

In cubicle: PrismaSeT P L650 or L650+150 or PrismaSeT HD L700/PH D500/600/800 with 75 mm distance between bars	Number of supports depending on lcw (kA rms/1 s)	≤ 15	2	2	
		≤ 25	3	2	
		≤ 30	3	2	
		≤ 40	3	2	
		≤ 50	-	3	
		≤ 60	-	3	
		≤ 65	-	3	
		≤ 75	-	4	
		≤ 85	-	-	
		References	Fixed support	LVS04664	LVS04664
Free Support	LVS04662		LVS04662	LVS04662 + LVS04671 (fixings)	
In sheath: PrismaSeT P L400 with 75 mm distance between bars	Number of supports depending on lcw (kA rms/1 s)	≤ 25	1	1	
		≤ 40	2	1	
		≤ 50	2	2	
		≤ 85	-	2	
		References	Fixed support	LVS04664	LVS04664
	Free Support		LVS04662	LVS04662	LVS04662 + LVS04671 (fixings)
In sheath: PrismaSeT P L300 or PrismaSeT HD L300/ PH with 75 mm distance between bars	Number depending on lcw (kA rms/1 s)	≤ 30	1	1	
		≤ 50	2	1	
		≤ 85	-	2	
		References	Fixed support	LVS04664 (PrismaSeTP) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800)	LVS04664 (PrismaSeTP) or NSYBHS500 (PrismaSeT HD D500) or NSYBHS600 (PrismaSeT HD D600) or NSYBHS800 (PrismaSeT HD D800) + LVS04671 (fixings)
			Free Support	LVS04662	LVS04662
	In PrismaSeT HD cubicle L700 with 115 mm distance between bars	Number depending on lcw (kA rms/1 s)	≤ 30	-	2
≤ 40			-	3	
≤ 60			-	3	
≤ 75			-	4	
≤ 85			-	-	
References			Fixed support		NSYBHS800L
		Free Support		LVS04678	LVS04678 + LVS04671 (fixings)
In PrismaSeT HD L300 sheath with 115 mm distance between bars	Characteristics	2 fixed supports for 700 wide frame and 1 fixed support for 300/400 wide frame are compulsory. If more supports are needed, add support arms.			
	Number depending on lcw	≤ 50	-	1	
		≤ 85	-	2	
	References	Fixed support		NSYBHS800L	NSYBHS800L + LVS04671 (fixings)
		Free Support		LVS04678	LVS04678 + LVS04671 (fixings)

Joining

Sliding joints with self-breaking lock nut



References (1 joint per phase)	LVS04640	LVS04641	LVS04640	LVS04641	LVS04641	LVS04640	LVS04641	LVS04643
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Note

When installed at the bottom of a cubicle, the busbar must be partitioned.
For more information on Partitioning, please refer PrismaSeT P Catalog, Section - H.

Linergy BZ

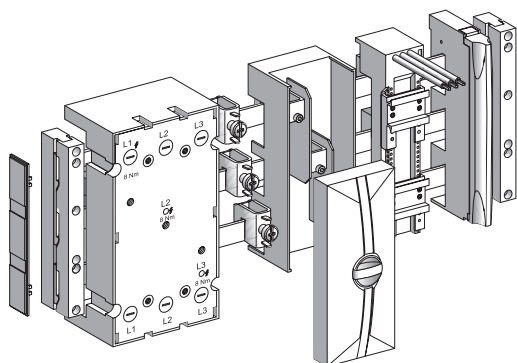
Quick busbar systems

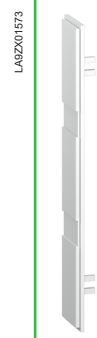
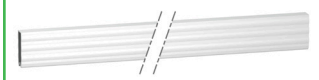
IEC 61439-1 & UL845

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.

DB403244-LIN



IEC busbar supports					IEC accessories	
Number of poles	3		4		-	
						
	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131	LA9ZX01244	LA9ZX01245
	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 3-pole busbar support	For 12, 15, 20, 25, 30 x 5/10 mm ² busbars	End covers for 4-pole busbar support (5 left, 5 right)	1m busbar cover 5mm	1m busbar cover 10mm
Set of	10	10	10	10	10	10
References	LA9ZX01495	LA9ZX01573	LA9ZX01485	LA9ZX01131	LA9ZX01244	LA9ZX01245

UL busbar supports			UL accessories		
Number of poles	3		3	-	
					
	LA9ZX01508	LA9ZX01573	LA9ZX01515	LA9ZX01244	LA9ZX01245
	For 12, 20, 30 x 5/10 mm busbars	End covers for busbar support	Base plate 240 x 700	1m busbar cover 5mm	1m busbar cover 10mm
Set of	10	10	2	10	10
References	LA9ZX01508	LA9ZX01573	LA9ZX01515	LA9ZX01244	LA9ZX01245

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Quick busbar systems

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° (I _e)	200 A	250	320	400	450	360	520	630
Rated peak withstand current (I _{pk})	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	690 V							
Rated operating voltage	690 V							

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° (I _e)	150 A	362 A	500 A	300 A	564 A	630 A	
I _{rms} 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
	600 A 600 V AC	-	-	25 kA	-	-	25 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	600 V						

Linergy BZ

Quick busbar systems

For TeSys Power - Motor Circuit Breaker & TeSys Control Contactors

				
	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
For TeSys Power – Deca Motor Circuit Breakers	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 TeSys Control – Micra Contactors For TeSys Control – Deca Contactors	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 4 4	2	2
References	LA9ZA32621	LA9ZA32434 LA9ZA32442 LA9ZA32443	LA9ZA32622	LA9ZA32623

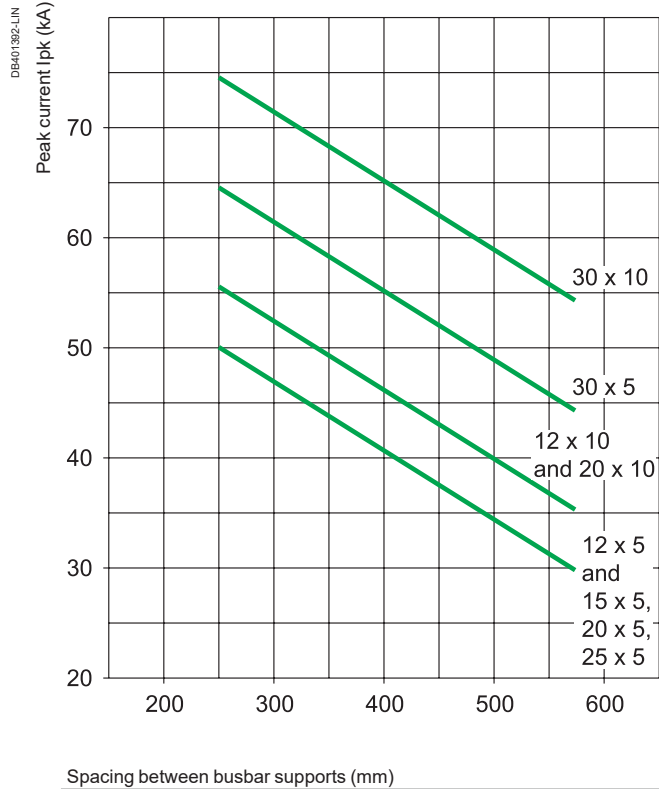
For TeSys Control - Ultra Motor Starter

		
		
	LA9ZA32427	LA9ZA32428
	Mounting plate, 1-way	Mounting plate, 2-way
Operating current AC-3 440 V	32 A	32 A
For TeSys Control - Ultra Motor Starter	LUB12, LUB32	LUB12, LUB32
Dimensions (L x H x W) (mm)	45 x 200 x 63	45 x 260 x 63
Set of	4	4
References	LA9ZA32427	LA9ZA32428

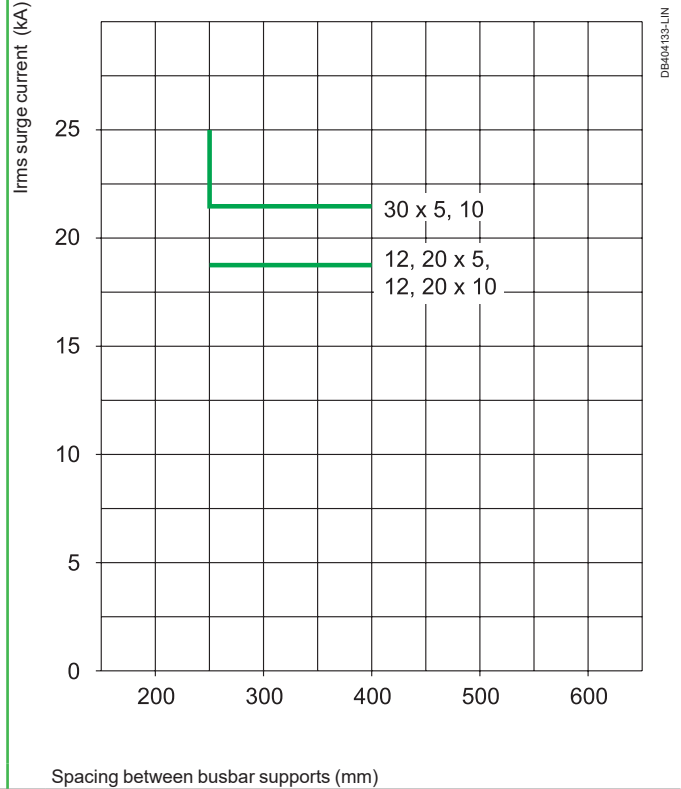
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Quick busbar systems

Determining the spacing between busbar supports (LA9ZX01495 and LA9ZX01485), according to IEC 61439-1⁽¹⁾



Short-circuit withstand diagram according to UL845 (LA9ZX01508)



(1) Depending on the short-circuit current.

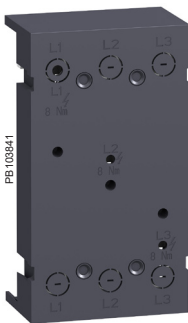
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Quick busbar systems

For TeSys Power - Deca Motor Circuit Breaker Frame 3

			
	PB112422	PB112423	PB112426
	LA9ZA32624	LA9ZA32625	LA9ZA32626
	Mounting plate, 1-way		Mounting plate, 2-way
Operating current AC-3 440 V	63 A		25 A
For TeSys Power - Deca Circuit Breaker Frame 3	GV3 P		GV3 P
For TeSys Control - Deca contactors	-		LC1 D40A...65 A
Dimensions (L x H x W) (mm)	54 x 200 x 63		117 x 260 x 63
Set of	4		2
References	LA9ZA32624		LA9ZA32626

For ComPacT NSX Circuit Breakers

				
	PB112431	PB112430	PB112429	PB112432
	Mounting plate for 3P ComPacT NSX circuit breakers	Mounting plate for 4P ComPacT NSX circuit breakers	Mounting plate for 3P ComPacT NSX circuit breakers	Mounting plate for 4P ComPacT NSX circuit breakers
Rated operational current at 40° (Ie)	100-250 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
References	LV429372	LV429373	LV432623	LV432624

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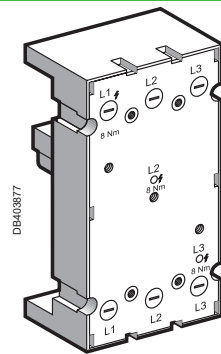
Quick busbar systems

Technical data

Characteristics of busbar mounting plates					
Type of mounting plate	LA9ZA32621 LA9ZA32622	LA9ZA32427 LA9ZA32428 LA9ZA32434 LA9ZA32623 LA9ZA32442 LA9ZA32443	LA9ZA32624 LA9ZA32625 LA9ZA32626	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 (mm²)	The cascading reinforced breaking capacity when combining circuit breakers is maintained				
Conductor cross section (colour: black)	4 mm²	6 mm²	10 mm²	-	
	12 AWG	10 AWG	8 AWG	-	
Type of conductor insulating material (PVC)	105°				

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

For 3P PowerPact 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° (Ie)	60-100-150 A	100-250 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
References	LA9ZA32600	LV429372	LV432623

Linergy BZ

Quick busbar systems

Terminals

Number of poles	1P		
	 	 	 
	LA9ZX01285	LA9ZX01287	LA9ZX01413
	For flat bars, 5 mm		3P cover, width 84 mm
Rated operational current at 40° (Ie)	270 A	400 A	
Supply at incoming terminals	4 - 35 mm ²	16 - 70 mm ²	
Set of	50	25	10
References	LA9ZX01285	LA9ZX01287	LA9ZX01413

Terminals on mounting plate

Number of poles	3P
	 
	LA9ZX01243
	On mounting plate + cover, for 12 x 5 to 30 x 10 busbars
Rated operational current at 40° (Ie)	440 A
Supply at incoming terminals	35 - 120 mm ²
Set of	1
References	LA9ZX01243

Connection module

Number of poles	3P
	 
	LA9ZX01563
	Spring terminal connection + cover, for busbars of 12 x 5 to 30 x 10
Rated operational current at 40° (Ie)	63 A
Supply at incoming terminals	1.5 - 16 mm ²
Set of	8
References	LA9ZX01563

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Quick busbar systems

Technical data

Connection by connectors								
	LA9ZX01285		LA9ZX01287		LA9ZX01243		LA9ZX01563	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
Flexible wire	4 mm²	35 mm²	16 mm²	70 mm²	35 mm²	120 mm²	1.5 mm²	16 mm²
Multi-core wire	4 mm²	35 mm²	16 mm²	70 mm²	35 mm²	120 mm²	1.5 mm²	16 mm²
Rigid wire	4 mm²	35 mm²	-	-	-	-	1.5 mm²	16 mm²
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	



Hot plug busbar system

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Linergy HK	E - 2
Hot plug pre-assembled busbar systems	E - 2



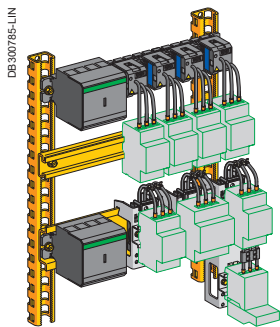
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Hot plug pre-assembled busbar systems

IEC 61439

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

PB112408



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	AK5 JB149	AK5JB1410

Linergy HK

Hot plug pre-assembled busbar systems

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 JB14p	4					
Supply current			AC					
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	60°C
			1 K	0.96 K	0.92 K	0.88 K	0.83 K	0.78 K
Rated insulation voltage	(Ui)	Conforming to IEC 61439-1	690 V					
		Conforming to UL and CSA	600 V					
Operational voltage	(Ue)		Off-load plugging-in and unplugging, with power on					
		Conforming to IEC 61439-1	400 V					
		Conforming to UL, CSA	480 V					
			Plugging-in and unplugging, with power off					
		Conforming to IEC 61439-1	690 V					
		Conforming to UL, CSA	600 V					
Maximum permissible peak current			25 kA					
Maximum let-through energy		(I²t)	1 x 10 ⁷ A²s					
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 mm²			2.5		
	Solid cable		70 mm²			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**.

Linergy HK

Hot plug pre-assembled busbar systems

		Omega rail, width 75 mm	Removable power sockets							
PB500864		PB112411		PB112411_1						
	AM1DL201		AK5PC12					AK5PC12PH		
	Number of poles		Single-phase + Neutral					2-phase		
	Material and surface treatment									
	Number of points used on the busbar system									
Rated operational current at 40° (Ie)			16 A	32 A	32A	16 A	32 A			
Length (mm)	2000 (1)		200	1000	2000	200	1000			
Depth (mm)	15									
Set of	6		6 (2)	6 (2)	6 (2)	6 (3)	6 (3)			
References	AM1DL201		AK5PC12	AK5PC32L	AK5PC32L2	AK5PC12PH	AK5PC32LPH			

Component mounting plates incorporating tap-off				
Single plate (height 105 mm)				
	GALOYER_GM1_ZG10_Z2_03_000078  AK5PA211N1		GALOYER_GM1_ZG10_Z2_03_000078_1  AK5PA211PH12	
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° (Ie)	25 A	25 A	25 A	25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2
Number of 6 rails for component support	1	1	1	1
References	AK5PA211N1	AK5PA211N2	AK5PA211N3	AK5PA211PH12

	Component mounting plates incorporating tap-off					
	Double plate (height 190 mm)					
						
	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° (Ie)	25 A	25 A	25 A	25 A	25 A	25 A
Phase	Ph1+N	Ph2+N	Ph3+N	Ph1+Ph2	Ph1+Ph3	Ph2+Ph3
Number of 6 rails for component support	2	2	2	2	2	2
References	AK5PA212N1	AK5PA212N2	AK5PA212N3	-	-	-

(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).

Linergy HK

Hot plug pre-assembled busbar systems

									
AK5PC13			AK5PC14						
3-phase			3-phase + Neutral				3-phase + Common		
2			2				2		
16 A	32 A		16 A	32 A	32 A		16 A (10 Common)	32 A (10 Common)	
200	250	1000	200	250	1000	2000	200	250	
6	6	6	6	6	6	6	6	6	
AK5PC13	AK5PC33	AK5PC33L	AK5PC14	AK5PC34	AK5PC34L	AK5PC34L2	AK5PC131	AK5PC331	

					
			AK5PA231		
			3-phase	3-phase + Common	3-phase + Neutral
			3	3	3
25 A	25 A		25 A	25 A	25 A
Ph1+Ph3	Ph2+Ph3		-	-	-
1	1		1	1	1
AK5PA211PH13	AK5PA211PH23		AK5PA231	AK5PA2311	AK5PA241

								
			AK5PA242					
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	

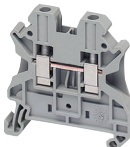
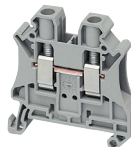
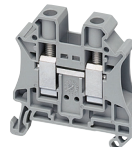
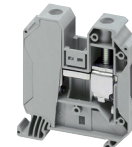
Terminal blocks and bars

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Linergy TR

Selection guide: screw terminal blocks

		Passthrough				
		PB502081 	PB502166 	PB502167 	PB502173 	PB502190 
Nominal c.s.a (mm²)		2.5	4	6	10 & 16	35 to 70
Number of poles	1 - 1 x 1	NSYTRV22	NSYTRV42	NSYTRV62	NSYTRV102 NSYTRV162	NSYTRV352 NSYTRV502 NSYTRV702
	1 - 1 x 2	-	-	-	-	-
	1 - 2 x 2	-	-	-	-	-
Colours	Grey	■	■	■	■	■
	Blue	NSYTRV22BL	NSYTRV42BL	NSYTRV62BL	NSYTRV102BL NSYTRV162BL	NSYTRV352BL NSYTRV502BL NSYTRV702BL
	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		80	81	81	81	82

PB502410-70

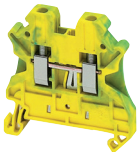
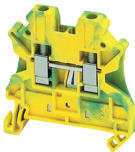
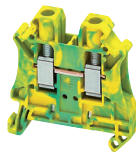
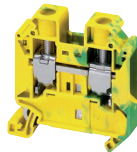


Snap-on PE foot

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.

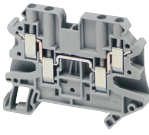
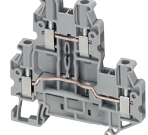
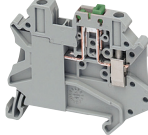
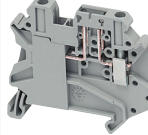
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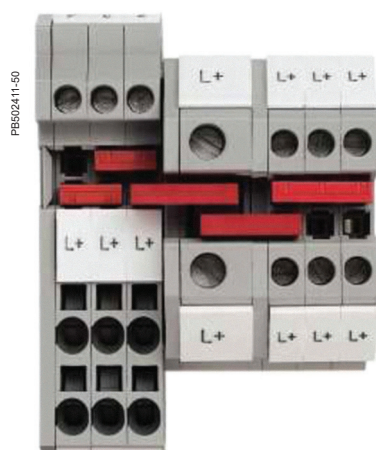
Selection guide: screw terminal blocks

	Lug to Lug	Protective earth						
PE502200-30		PE502174		PE502176		PE502175		
	95 & 150	2.5	4	6 & 10	16 to 50			
	NSYTRV1502B	NSYTRV22PE	NSYTRV42PE	NSYTRV62PE NSYTRV102PE	NSYTRV162PE NSYTRV352PE NSYTRV502PE			
	-	-	NSYTRV43PE	-	-			
	-	-	NSYTRV44PE	-	-			
	■	-	-	-	-			
	-	-	-	-	-			
	-	■	■	■	■			
	-	-	-	-	-			
	-	-	-	-	-			
	-	-	-	-	-			
	-	-	-	-	-			
	-	-	-	-	-			
	■	■	■	■	■			
	■	■	■	■	■			
	-	-	-	-	-			
	-	-	-	-	-			
	83	84	84	84/85	85			

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Selection guide: screw terminal blocks

		Double deck		Disconnect		
		Multi-pole	Double deck	Blade	Fused	Removable carrier
						
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4	4 & 16	2.5 & 4
Number of poles	1 - 1 x 1	-	-	NSYTRV22SC NSYTRV22ST NSYTRV42SC	NSYTRV42SF5 NSYTRV42SF6 NSYTRV162SF	NSYTRV22TB 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	-	NSYTRV24DBL NSYTRV44DBL	■	-	-
		NSYTRV43BL NSYTRV44BL				
	Green/yellow (PE)	-	NSYTRV24DPE	-	-	-
		NSYTRV43PE NSYTRV44PE	NSYTRV44DPE			
Mounting on	Orange	-	-	NSYTRV42STAR	-	-
	35 mm 	■	■	■	■	■
	35 mm 	■	■	■	■	■
	Telequick	-	-	-	-	-
	15 mm 	-	-	-	-	-
See pages		86/87/90/91	87/88	92/93	94	93



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.

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Selection guide: screw terminal blocks

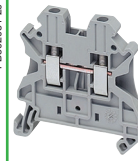
	Measuring	Miniature	DB6		
		Passthrough	With Telequick universal foot		
					
	6	2.5 & 4	4	6	35
	NSYTRV62TTD	NSYTRV22M NSYTRV42M	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	-	-	-	-	-
	■	■	■	■	■
	-	NSYTRV22MBL NSYTRV42MBL	-	-	-
	NSYTRV62TTPE	NSYTRV22MPE NSYTRV42MPE	-	-	-
	-	-	-	-	-
	■	-	■	■	■
	■	-	■	■	■
	-	-	■	■	■
	-	■	-	-	-
	96/97	100/101	-	-	-

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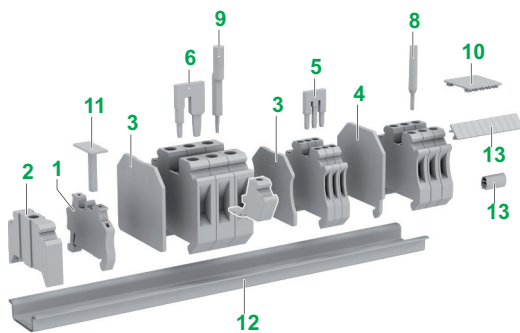
Screw terminal blocks

Screw terminal blocks - Passthrough

PB932081-20

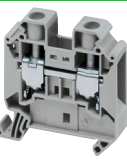


		NSYTRV22	
Nominal c.s.a.	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
	Max. electric values (U _{max} , I _{max})	1000 V, 32 A	
Dimensions (mm)			
	Length	47.7	
	Height	47.5	
	Width	5.2	
Cabling c.s.a. (mm ²)		2.5	
	Flexible cable	0.14 - 4	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	1000 V, 24 A	
	UL	600 V, 20 A, 26 - 12 AWG	
	CSA	600 V, 20 A, 26 - 12 AWG	
Certifications		UL, CSA, VDE, GL, LR, DNV	
Terminal blocks			
	Grey	Sold in lots of	Unit reference
		50	NSYTRV22
	Blue	50	NSYTRV22BL
	Orange	50	NSYTRV22AR
	Red	50	NSYTRV22RD
	Green	-	-
	White	50	NSYTRV22WH
	Black	-	-
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate width 2.2 mm	Grey	50	NSYTRAC22
	Blue	50	NSYTRAC22BL
Partition plate, width 2 mm	Grey	50	NSYTRAP22
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
	Blue	10-pole	10
Grey	10-pole	10	NSYTRAL210GR
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	-	-
	Screw to spring terminal	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACS2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 142	
General data			
	Strip length (mm)	9	
	Screw thread	M3	
	Torque (Nm)	0.5 - 0.6	



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Screw terminal blocks

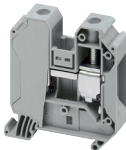
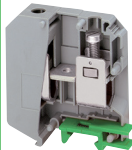
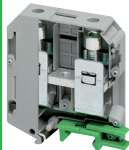
PB602166-20			PB602167-20			PB602173-20			PB602188-20		
	NSYTRV42			NSYTRV62			NSYTRV102			NSYTRV162	
	4 mm ²			6 mm ²			10 mm ²			16 mm ²	
	Passthrough			Passthrough			Passthrough			Passthrough	
	1 pole - 1 x 1			1 pole - 1 x 1			1 pole - 1 x 1			1 pole - 1 x 1	
	Grey			Grey			Grey			Grey	
	1000 V, 41 A			1000 V, 57 A			1000 V, 76 A			1000 V, 101 A	
	47.7			47.7			47.7			55.5	
	47.5			47.5			47.5			55	
	6.2			8.2			10.2			12.2	
	4			6			10			16	
	0.14 - 6			0.2 - 10			0.5 - 16			1.5 - 25	
	0.14 - 6			0.2 - 10			0.5 - 16			1.5 - 25	
	1000 V, 32 A			1000 V, 41 A			1000 V, 57 A			1000 V, 76 A	
	600 V, 30 A, 26 - 10 AWG			600 V, 50 A, 24 - 8 AWG			600 V, 65 A, 20 - 6 AWG			600 V, 85 A, 16 - 4 AWG	
	600 V, 30 A, 26 - 10 AWG			600 V, 50 A, 24 - 8 AWG			600 V, 65 A, 20 - 6 AWG			600 V, 85 A, 16 - 4 AWG	
	UL, CSA, VDE, GL, LR, DNV			UL, CSA, VDE, GL, LR, DNV			UL, CSA, VDE, GL, LR, DNV			UL, CSA, VDE, GL, LR, DNV	
	Sold in lots of	Unit reference	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	NSYTRV42	50	NSYTRV62	50	NSYTRV102	50	NSYTRV162	50	NSYTRV162	
	50	NSYTRV42BL	50	NSYTRV62BL	50	NSYTRV102BL	50	NSYTRV162BL	50	NSYTRV162BL	
	50	NSYTRV42AR	-	-	-	-	-	-	-	-	
	50	NSYTRV42RD	-	-	-	-	-	-	-	-	
	-	NSYTRV42GN	-	-	-	-	-	-	-	-	
	50	NSYTRV42WH	-	-	-	-	-	-	-	-	
	-	NSYTRV42BK	-	-	-	-	-	-	-	-	
	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35	
	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35	
	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC22	50	NSYTRAC162	50	NSYTRAC162	
	50	NSYTRAC22BL	50	NSYTRAC22BL	50	NSYTRAC22BL	-	-	-	-	
	50	NSYTRAP22	50	NSYTRAP22	50	NSYTRAP22	-	-	-	-	
	50	NSYTRAL42	10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162	10	NSYTRAL162	
	50	NSYTRAL43	10	NSYTRAL63	-	-	-	-	-	-	
	50	NSYTRAL44	-	-	-	-	-	-	-	-	
	50	NSYTRAL45	10	-	-	-	-	-	-	-	
	10	NSYTRAL410	10	NSYTRAL610	-	-	-	-	-	-	
	10	NSYTRAL420	-	-	-	-	-	-	-	-	
	10	NSYTRAL410BL	-	-	-	-	-	-	-	-	
	10	NSYTRAL410GR	-	-	-	-	-	-	-	-	
	-	-	10	NSYTRALV62	10	NSYTRALV102	10	NSYTRALV162	10	NSYTRALV162	
	-	-	10	-	10	-	10	NSYTRALVR162	10	NSYTRALVR162	
	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1	
	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1	
	10	NSYTRAFT	10	NSYTRAFT	-	-	-	-	-	-	
	10	NSYTRACS4	10	NSYTRACS6	10	NSYTRACS10	10	NSYTRACS16	10	NSYTRACS16	
	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD	
	9		10		10		14				
	M3		M4		M4		M5				
	0.6 - 0.8		1.5 - 1.8		1.5 - 1.8		2.5 - 3				

*Screw bridge

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Screw terminal blocks

Screw terminal blocks - Passthrough

							
		NSYTRV352	NSYTRV502	NSYTRV702			
Nominal c.s.a.		35 mm ²	50 mm ²	70 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 (Umax, Imax)		1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
Dimensions (mm)							
	Length	60.2	70.5	70.5			
	Height	65.7	83.5	87.5			
	Width	16	20	20.3			
Cabling c.s.a. (mm ²)		35	50	70			
	Flexible cable	1.5 - 50	25 - 70	25 - 70			
	Solid cable	1.5 - 50	16 - 70	16 - 95			
Nominal electric values							
	IEC/EN 60947-7-1	1000 V, 125 A	1000 V, 150 A	1000 V, 192 A			
	UL	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
	CSA	600 V, 150 A, 14 - 1/0 AWG	600 V, 150 A, 6 - 1/0 AWG	600 V, 192 A, 4 - 3/0 AWG			
Certifications		UL, CSA, VDE, GL	UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV			
Terminal blocks							
	Grey	Sold in lots of 50	Unit reference NSYTRV352	Sold in lots of 10	Unit reference NSYTRV502	Sold in lots of 10	Unit reference NSYTRV702
	Blue	50	NSYTRV352BL	10	NSYTRV502BL	10	NSYTRV702BL
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
Plug-in bridge Red	2-pole	10	NSYTRAL352	10	NSYTRAL502 *	-	-
Screw bridge	2-pole	-	-	-	-	10	NSYTRAL702
Step-down bridge, down to 2.5/4 mm ²	Screw to screw terminal	10	NSYTRALV352	-	-	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
Warning label	Yellow	10	NSYTRACS35	-	-	-	-
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 142					
General data							
Strip length (mm)		18		24		24	
Screw thread		M6		M6		M8	
Torque (Nm)		3.2 - 3.7		6 - 8		08 - 10	

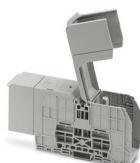
*Screw bridge

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Screw terminal blocks

Screw terminal blocks - High current

PB602200-30

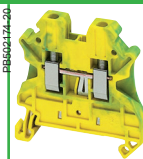
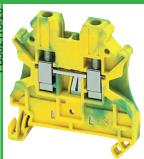
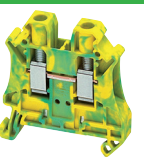


		NSYTRV1502B	
Nominal c.s.a.		150 mm ²	
		Type of block Passthrough - lug to lug	
		Type of connection 1 pole - 1 x 1	
		Color Grey	
Max. electric values		1500 V, 309 A	
Dimensions (mm)			
		Length	235
		Height	84
		Width	41
Cabling c.s.a. (mm ²)		6 mm ² to 150 mm ²	
		Flexible cable	6 mm ² to 150 mm ²
		Solid cable	6 mm ² to 150 mm ²
Nominal electric values			
		IEC/EN 60947-7-1	1500 V, 309 A
		UL	600 V, 310 A, 10 - 350 AWG/kcmil
		CSA	600 V, 310 A, 10 - 350 AWG/kcmil
Certifications		UL, CSA	
Terminal blocks			
		Grey	
		Sold in lots of	Unit reference
		5	NSYTRV1502B
Accessories			
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
Partition plate	Grey	10	NSYTRAC952
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 154	
General data			
		Strip length (mm)	The stripping length depends on the specification provided by the cable lug manufacturer.
		Screw thread	M10
		Torque (Nm)	10-20

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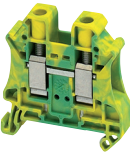
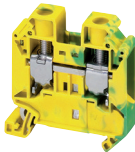
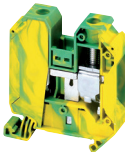
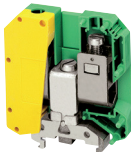
Screw terminal blocks

Screw terminal blocks - Protective earth

							
		NSYTRV22PE	NSYTRV42PE	NSYTRV62PE			
Nominal c.s.a.		2.5 mm²	4 mm²	6 mm²			
	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. (mm²)		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			
Certifications		UL, CSA, VDE, GL, LR; DNV	UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV			
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
Plug-in bridge Red	2-pole	50	NSYTRAL22	50	NSYTRAL42	10	NSYTRAL62
	3-pole	50	NSYTRAL23	50	NSYTRAL43	10	NSYTRAL63
	4-pole	50	NSYTRAL24	50	NSYTRAL44	-	-
	5-pole	50	NSYTRAL25	50	NSYTRAL45	-	-
	10-pole	10	NSYTRAL210	10	NSYTRAL410	10	NSYTRAL610
	20-pole	10	NSYTRAL220	10	NSYTRAL420	-	-
Test plug	Metallic part, Ø 2.3 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	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 142					
General data							
	Strip length (mm)	9	9	10			
	Screw thread	M3	M3	M4			
	Torque (Nm)	0.5 - 0.6	0.6 - 0.8	1.5 - 1.8			

Linery TR

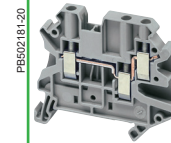
Screw terminal blocks

	NSYTRV102PE			NSYTRV162PE				NSYTRV502PE			
	10 mm²			16 mm²				50 mm²			
	Protective earth			Protective earth				Protective earth			
	1 pole - 1 x 1			1 pole - 1 x 1				1 pole - 1 x 1			
	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, GL, LR; DNV			UL, CSA, VDE, GL, LR, DNV			UL, CSA, VDE, GL			UL, CSA, GL, LR, DNV		
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	-	-	-	-	-	-	-	-	-	
10	NSYTRAL102		10	NSYTRAL162		10	NSYTRAL352		-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	
10	NSYTRAATM1		10	NSYTRAATM1		10	NSYTRAATM1		10	NSYTRAATM1	
10	NSYTRAATP1		10	NSYTRAATP1		10	NSYTRAATP1		10	NSYTRAATP1	
-	-	-	-	-	-	-	-	-	-	-	
10	NSYTRACS10		10	NSYTRACS16		10	NSYTRACS35		-	-	
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		

Linergy TR

Screw terminal blocks

Screw terminal blocks - Double deck passthrough



PB502181-20

NSYTRV43

Nominal c.s.a.	4 mm ²
Type of block	Passthrough - Multi-pole
Type of connection	1 pole - 1 x 2
Colour	Grey
Max. electric values (Umax, Imax)	500 V, 41 A

Dimensions (mm)

Length	57.8
Height	47.5
Width	6.2
Cabling c.s.a. (mm ²)	4
Flexible cable	0.14 - 6
Solid cable	0.14 - 6

Nominal electric values

IEC/EN 60947-7-1	500 V, 32 A
UL	150 V, 30 A, 26 - 10 AWG
CSA	150 V, 30 A, 26 - 10 AWG
Certifications	UL, CSA, GL, LR, DNV

Terminal blocks

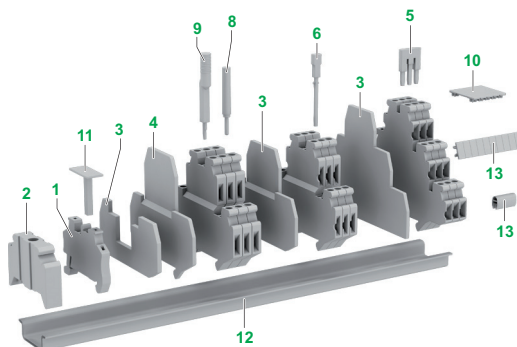
	Sold in lots of	Unit reference
Grey	50	NSYTRV43
Blue	50	NSYTRV43BL

Accessories

1 End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2 for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3 End plate,	Grey	50	NSYTRAC23
3 width 2.2 mm	Grey, partial plate	-	-
4 Partition plate,	Grey	-	-
4 width 2 mm			
5 Plug-in bridge	2-pole	50	NSYTRAL42
Red	3-pole	50	NSYTRAL43
	4-pole	50	NSYTRAL44
	5-pole	50	NSYTRAL45
	10-pole	10	NSYTRAL410
	20-pole	10	NSYTRAL420
6 Vertical bridge	1-pole	-	-
8 Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
9 Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
10 Warning label	Yellow	10	NSYTRACS4
11 Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12 DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
13 Marking accessories			

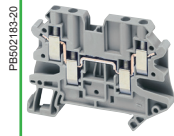
General data

Strip length (mm)	9
Screw thread	M3
Torque (Nm)	0.6 - 0.8

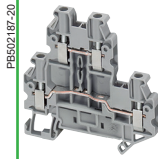


Linergy TR

Screw terminal blocks



P6602183-20



P6602187-20

NSYTRV44

4 mm²
Passthrough - Multi-pole
1 pole - 2 x 2
Grey
500 V, 39 A

NSYTRV24D

2.5 mm²
Passthrough - Double deck
2 pole - 1 x 1
Grey
500 V, 28 A

65.4
47.5
6.2
4
0.14 - 6
0.14 - 6

69.9
65
5.2
2.5
0.14 - 4
0.14 - 4

500 V, 32 A
150 V, 30 A, 26 - 10 AWG
150 V, 30 A, 26 - 10 AWG
UL, CSA, GL, LR,
DNV

500 V, 24 A
600 V, 20 A, 26 - 12 AWG
600 V, 20 A, 26 - 12 AWG
UL, CSA, GL, LR,
DNV

Sold in
lots of

Unit reference

Sold in
lots of

Unit reference

50

NSYTRV44

50

NSYTRV24D

50

NSYTRV44BL

50

NSYTRV24DBL

50

NSYTRAAB35

50

NSYTRAAB35

50

NSYTRAABV35

50

NSYTRAABV35

50

NSYTRAC24

50

NSYTRACE24

-

-

50

NSYTRACEP24

-

-

50

NSYTRAPE24

50

NSYTRAL42

50

NSYTRAL22

50

NSYTRAL43

50

NSYTRAL23

50

NSYTRAL44

50

NSYTRAL24

50

NSYTRAL45

50

NSYTRAL25

10

NSYTRAL410

10

NSYTRAL210

10

NSYTRAL420

10

NSYTRAL220

-

-

50

NSYTRALV24

10

NSYTRAATM1

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAATP1

10

NSYTRAFT

10

NSYTRAFT

10

NSYTRACS4

10

NSYTRACS2

100

NSYTRASB4

100

NSYTRASB4

20

NSYSDR200BD

20

NSYSDR200BD

9

9

M3

M3

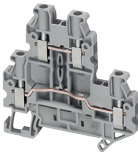
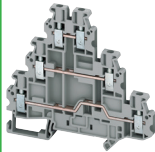
0.6 - 0.8

0.5 - 0.6

Linergy TR

Screw terminal blocks

Screw terminal blocks - Double deck passthrough

					
		NSYTRV44D	NSYTRV26T		
Nominal c.s.a.		4 mm ²	2.5 mm ²		
	Type of block	Passthrough - Double deck	Passthrough - Triple deck		
	Type of connection	2 pole - 1 x 1	3 pole - 1 x 1		
	Colour	Grey	Grey		
Max. electric values (Umax, Imax)		800 V, 36 A	500 V, 24 A		
Dimensions (mm)					
	Length	69.9	90		
	Height	65	77.5		
	Width	6.2	5.2		
Cabling c.s.a. (mm ²)		4	2.5		
	Flexible cable	0.14 - 6	0.14 - 4		
	Solid cable	0.14 - 6	0.14 - 4		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 30 A	500 V, 20 A		
	UL	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG		
	CSA	600 V, 30 A, 26 - 10 AWG	600 V, 20 A, 26 - 12 AWG		
Certifications		UL, CSA, GL, LR, DNV	UL, CSA		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRV44D	50	NSYTRV26T
	Blue	50	NSYTRV44DBL	-	-
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	NSYTRACE24	50	NSYTRACE26
width 2.2 mm	Grey, partial plate	50	NSYTRACEP24	-	-
Partition plate,	Grey	50	NSYTRAPE24	-	-
width 2 mm					
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL22
Red	3-pole	50	NSYTRAL43	50	NSYTRAL23
	4-pole	50	NSYTRAL44	50	NSYTRAL24
	5-pole	50	NSYTRAL45	50	NSYTRAL25
	10-pole	10	NSYTRAL410	10	NSYTRAL210
	20-pole	10	NSYTRAL420	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24	-	-
Test plug	Metallic part, Ø 2.3 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	NSYTRACS2
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 142			
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (Nm)	0.6 - 0.8		0.5 - 0.6	

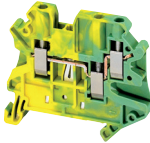
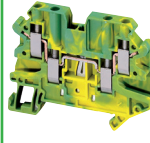
* The 3 levels are connected.



Linergy TR

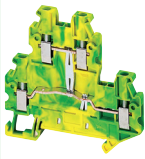
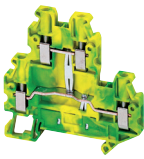
Screw terminal blocks

Screw terminal blocks - Double deck protective earth

					
		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 - 10 AWG		26 - 10 AWG	
	CSA	26 - 10 AWG		26 - 10 AWG	
Certifications		UL, CSA, GL, LR, DNV		UL, CSA, GL, LR, DNV	
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRV43PE	50	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	-	-	-	-
width 2 mm					
Plug-in bridge	2-pole	50	NSYTRAL42	50	NSYTRAL42
Red	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, Ø 2.3 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					
General data					
	Strip length (mm)	9		9	
	Screw thread	M3		M3	
	Torque (Nm)	0.6 - 0.8		0.6 - 0.8	

Linery TR

Screw terminal blocks

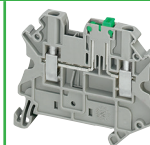
	PB502192-20	
	NSYTRV24DPE	
	2.5 mm²	
	Protective earth - Double deck	
	1 pole - 2 x 2	
	PB502191-20	
	NSYTRV44DPE	
	4 mm²	
	Protective earth - Double deck	
	1 pole - 2 x 2	
Green/Yellow		
-		
69.9		
65		
5.2		
2.5		
0.14 - 4		
0.14 - 4		
-		
26 - 12 AWG		
26 - 12 AWG		
UL, CSA, GL, LR, DNV		
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UL, CSA,		

Linergy TR

Screw terminal blocks

Screw terminal blocks - Disconnect

P860286020



		NSYTRV22SC
Nominal c.s.a.	Type of block	Disconnect (blade)
	Type of connection	1 pole - 1 x 1
	Color	Grey
	Max. electric values (Umax, I _{max})	400 V, 20 A
Dimensions (mm)		
	Length	57.8
	Height	49.1
	Width	5.2
Cabling c.s.a. (mm ²)		2.5
	Flexible cable	0.14 - 4
	Solid cable	0.14 - 4
Nominal electric values		
	IEC/EN 60947-7-1	400 V, 20 A
	UL	300 V, 16 A, 26 - 12 AWG
	CSA	300 V, 16 A, 26 - 12 AWG
Certifications		UL, CSA

Terminal blocks

	Sold in lots of	Unit reference
Grey	50	NSYTRV22SC
Grey, with test points	50	NSYTRV22ST
Orange, with test points	-	-

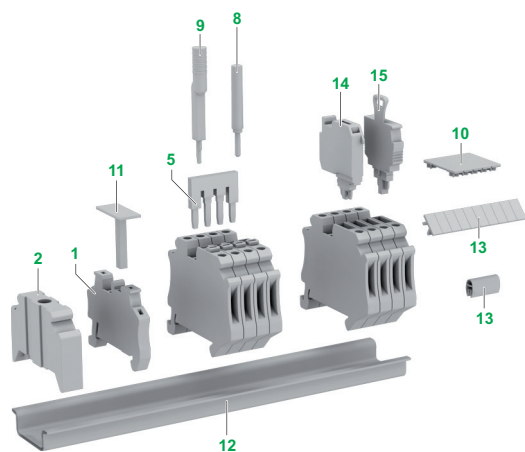
Accessories

1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRAC23
4	Partition plate, width 2 mm	Grey, partial plate	-	-
5	Plug-in bridge	Grey	-	-
Red	2-pole		50	NSYTRAL22
	3-pole		50	NSYTRAL23
	4-pole		50	NSYTRAL24
	5-pole		50	NSYTRAL25
	10-pole		10	NSYTRAL210
	20-pole		10	NSYTRAL220
14	Removable carrier width 6.1 mm 6 A max	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	-	-
15	Removable carrier width 5.1 mm 6 A max	For component	-	-
		With 1N4007 diode	-	-
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
10	Warning label	Yellow	10	NSYTRACS4
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
13	Marking accessories		See page 142	

General data

Strip length (mm)	9
Screw thread	M3
Torque (Nm)	0.5 - 0.6

* Disconnect knife on each level.

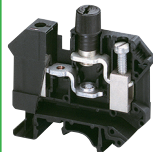
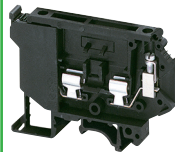
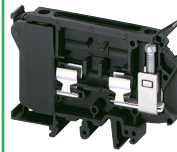




Linergy TR

Screw terminal blocks

Screw terminal blocks - Fuse disconnect

							
		NSYTRV162SF	NSYTRV42SF5	NSYTRV42SF6			
Nominal c.s.a.		16 mm²	4 mm²	16 mm²			
	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 (Umax, Imax)		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. (mm²)		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			
Certifications		UL, CSA, LR, DNV	UL, CSA	UL, CSA			
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
Screw bridge	10-pole	10	NSYTRALF1610	-	-	-	-
Test plug	Metalic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
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 142					
General data							
	Strip length (mm)	11		8		9	
	Screw thread	M4		M3		M3	
	Torque (Nm)	1.5 - 1.8		0.5 - 0.8		0.6 - 0.8	

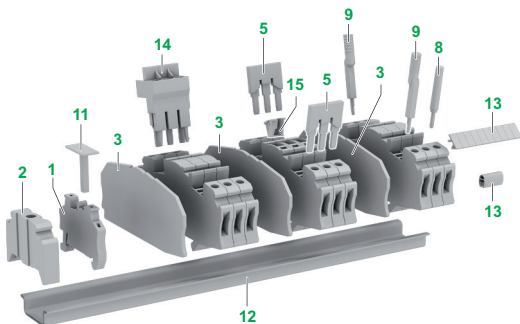
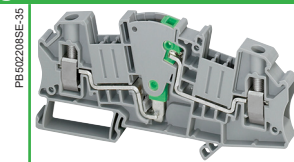
(1) If the fuse is faulty, the downstream circuit is not off load.

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

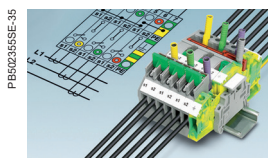
Linergy TR

Screw terminal blocks

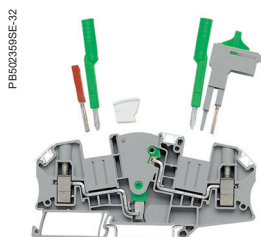
Screw terminal blocks - Measuring terminals



		NSYTRV62TTD		
Nominal c.s.a.		6 mm²		
	Type of block	Knife disconnect		
	Type of connection	1 pole - 1 x 1		
	Colour	Grey		
Max. electric values (Umax, Imax)		500 V, 30 A		
Dimensions (mm)				
	Length	100.8		
	Height	49.6		
	Width	8.2		
	Cabling c.s.a. (mm²)		6	
		Flexible cable	0.2 - 10	
Solid cable		0.2 - 10		
Nominal electric values				
	IEC/EN 60947-7-1	500 V, 30 A		
	UL	600 V, 30 A. 24 - 8 AWG		
	CSA	600 V, 30 A. 24 - 8 AWG		
Certifications		UL, CSA		
Terminal blocks				
		Sold in lots of	Unit reference	
	Grey	50	NSYTRV62TTD	
	Green/Yellow	-	-	
Accessories				
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35	
	With screw, 9.5 mm	50	NSYTRAABV35	
End plate, width 2.2 mm	Grey	50	NSYTRACT22	
Switching jumper, pluggable	2 points	10	NSYTRASJ2	
	4 points	10	NSYTRASJ4	
Plug-in bridge Red	2-pole	10	NSYTRAL62	
	3-pole	10	NSYTRAL63	
	10-pole	10	NSYTRAL610	
Switching lock	Pluggable	10	NSYTRASJ6	
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	
	Insulating sleeve, red	10	NSYTRAATP1	
Test plug adaptor For plug-in bridge shaft	Grey	10	NSYTRAFT	
	Yellow	10	NSYTRAFTYE	
	Green	10	NSYTRAFTGN	
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD	
Marking accessories		See page 142		
General data				
	Strip length (mm)	10		
	Screw thread	M4		
	Torque (Nm)	1.5 - 1.8		



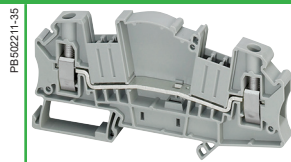
Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.



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.

Linergy TR

Screw terminal blocks



NSYTRV62TT

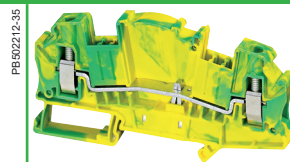
6 mm²

Passthrough

1 pole - 1 x 1

Grey

500 V, 30 A



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

100.8

49.6

8.2

6

0.2 - 10

0.2 - 10

500 V, 30 A

600 V, 30 A, 24 - 8 AWG

600 V, 30 A, 24 - 8 AWG

UL, CSA

-

24 - 8 AWG

24 - 8 AWG

UL, CSA

Sold in lots of

50

-

Unit reference

NSYTRV62TT

-

Sold in lots of

-

50

Unit reference

-

NSYTRV62TTPE

50

50

50

10

10

10

10

10

10

10

10

10

10

10

100

20

NSYTRAAB35

NSYTRAABV35

NSYTRACT22

NSYTRASJ2

NSYTRASJ4

NSYTRAL62

NSYTRAL63

NSYTRAL610

NSYTRASJ6

NSYTRAATM1

NSYTRAATP1

NSYTRAFT

NSYTRAFTYE

NSYTRAFTGN

NSYTRASB4

NSYSDR200BD

50

50

50

-

-

10

10

10

-

10

10

10

10

10

100

20

NSYTRAAB35

NSYTRAABV35

NSYTRACT22

-

-

NSYTRAL62

NSYTRAL63

NSYTRAL610

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NSYTRAATP1

NSYTRAFT

NSYTRAFTYE

NSYTRAFTGN

NSYTRASB4

NSYSDR200BD

10

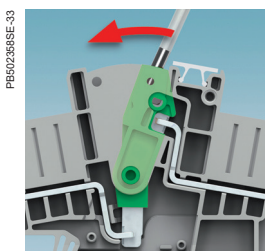
M4

1.5 - 1.8

10

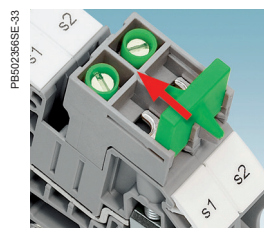
M4

1.5 - 1.8



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.



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.

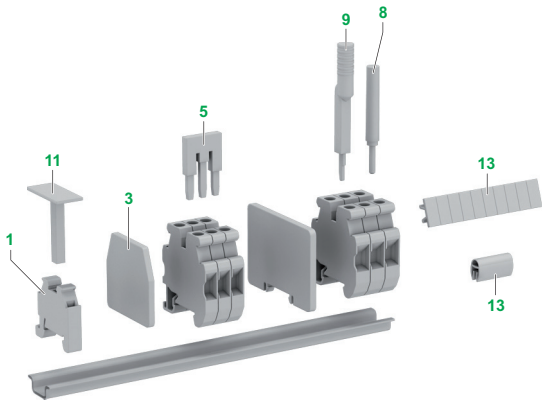
Linergy TR

Screw terminal blocks

Screw terminal blocks - Miniature passthrough

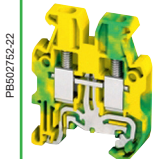
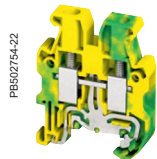


		NSYTRV22M	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		500 V, 24 A	
Dimensions (mm)			
	Length	30	
	Height	34	
	Width	5.2	
Mounting on		NS15 DIN rail	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.2 - 2.5	
	Solid cable	0.2 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	500 V, 24 A	
	UL	600 V, 20 A, 24 - 12 AWG	
	CSA	600 V, 20 A, 24 - 12 AWG	
Certifications		UL, CSA, VDE	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRV22M
	Blue	50	NSYTRV22MBL
Accessories			
End stop for 15 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB15
End plate	Grey	50	NSYTRACM22
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Blue	10-pole	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR
Marker tag holder	For ●AB15 end stop	100	NSYTRASB4
Marking accessories		See page 142	
General data			
	Strip length (mm)	9	
	Screw thread	M3	
	Torque (Nm)	0.5 - 0.6	



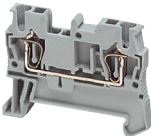
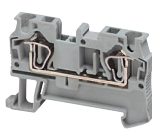
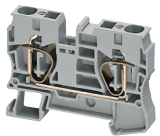
Linergy TR

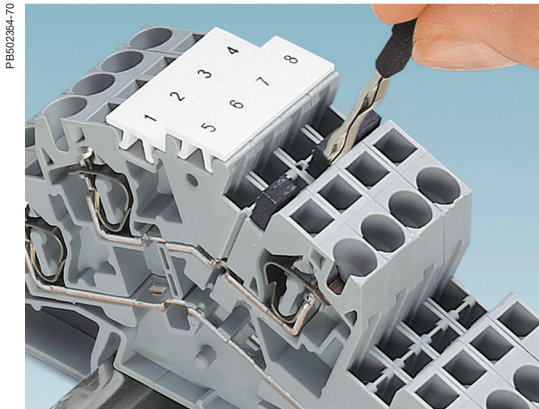
Screw terminal blocks

Screw terminal blocks - Miniature protective earth						
						
NSYTRV42M		NSYTRV22MPE		NSYTRV42MPE		
4 mm ²		2.5 mm ²		4 mm ²		
Passthrough		Protective earth		Protective earth		
1 pole - 1 x 1		1 pole - 1 x 1		1 pole - 1 x 1		
Grey		Green/Yellow		Green/Yellow		
500 V, 32 A		-		-		
30		30		30		
34		34		34		
6.2		5.2		6.2		
NS15 DIN rail		NS15 DIN rail		NS15 DIN rail		
4		2.5		4		
0.2 - 4		0.2 - 2.5		0.2 - 4		
0.2 - 6		0.2 - 4		0.2 - 6		
500 V, 32 A		-		-		
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG		
600 V, 30 A, 24 - 10 AWG		24 - 12 AWG		24 - 10 AWG		
UL, CSA, VDE		UL, CSA, VDE		UL, CSA, VDE		
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference	
50	NSYTRV42M	50	NSYTRV22MPE	50	NSYTRV42MPE	
50	NSYTRV42MBL	-	-	-	-	
50	NSYTRAAB15	50	NSYTRAAB15	50	NSYTRAAB15	
50	NSYTRACM22	50	NSYTRACM22	50	NSYTRACM22	
50	NSYTRAL42	-	-	-	-	
50	NSYTRAL43	-	-	-	-	
50	NSYTRAL44	-	-	-	-	
50	NSYTRAL45	-	-	-	-	
10	NSYTRAL410	-	-	-	-	
10	NSYTRAL420	-	-	-	-	
10	NSYTRAL410BL	-	-	-	-	
10	NSYTRAL410GR	-	-	-	-	
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4	
8		9		8		
M3		M3		M3		
0.6 - 0.8		0.5 - 0.6		0.6 - 0.8		

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Selection guide: spring terminal blocks

		Passthrough			
		Passthrough			
		PB502080-20 	PB502145-20 	PB502151-20 	PB502284-20 
Nominal c.s.a (mm²)		2.5	4	6	10, 16 & 35
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	-	-
Colours	Grey	■	■	■	■
	Blue	NSYTRR22BL NSYTRR23BL NSYTRR24BL	NSYTRR42BL - -	NSYTRR62BL	NSYTRR102BL NSYTRR162BL -
	Green/yellow (PE)	-	-	-	-
Mounting on	35 mm 	■	■	■	■
	35 mm 	■	■	■	■
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		106/107	107/108	108/109	109



Vertical bridge

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

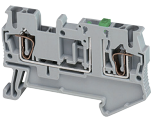
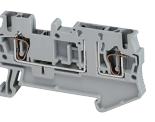
Linergy TR

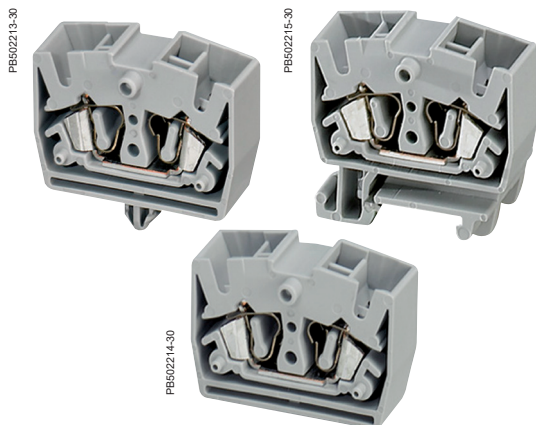
Selection guide: spring terminal blocks

Protective earth				
				
2.5	4	6	10, 16 & 35	
NSYTRR22PE	NSYTRR42PE	NSYTRR62PE	NSYTRR102PE NSYTRR162PE	
NSYTRR23PE	-	-	-	
NSYTRR24PE	NSYTRR44PE	-	-	
-	-	-	-	
-	-	-	-	
■	■	■	■	
■	■	■	■	
■	■	■	■	
-	-	-	-	
-	-	-	-	
110	111	111	112	

Lineryy TR

Selection guide: spring terminal blocks

		Double deck	Disconnect	
		Passthrough	Blade	Removable carrier
				
Nominal c.s.a (mm²)		2.5 & 4	2.5 & 4	2.5 & 4
Number of poles	1 - 1 x 1	-	NSYTRR22SC	NSYTRR22TB
	1 - 1 x 2	-	NSYTRR23SC	NSYTRR23TB
	2 - 1 x 1	NSYTRR24D NSYTRR44D	-	-
	3 - 1 x 1	NSYTRR26T	-	-
Colours	Grey	■	■	■
	Blue	-	-	-
	Green/yellow (PE)	NSYTRR24DPE NSYTRR44DPE	-	-
	-	-	-	-
Mounting on	35 mm 	■	■	■
	35 mm 	■	■	■
	Telequick	-	-	-
	15 mm 	-	-	-
See pages		114/115/116	118/119/120	119/120



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.

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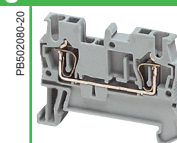
Selection guide: spring terminal blocks

Miniature		
	Direct mounting	Pin mounting
PB502216-20		PB502217-20 
	2.5	2.5
	-	-
	-	-
	-	-
	-	-
	■	■
	-	-
	NSYTRR24MFBL	
	-	-
	-	-
	-	-
	-	-
	-	-
	124/125	125

Linergy TR

Spring terminal blocks

Spring terminal blocks - Passthrough



		NSYTRR22
Nominal c.s.a.	Type of block	Passthrough
	Type of connection	1 pole - 1 x 1
	Colour	Grey
	Max. electric values (U _{max} , I _{max})	800 V, 31 A
Dimensions (mm)		
	Length	48.5
	Height	36.5
	Width	5.2
Cabling c.s.a. (mm ²)		2.5
	Flexible cable	0.08 - 2.5
	Solid cable	0.08 - 4
Nominal electric values		
	IEC/EN 60947-7-1	800 V, 24 A
	UL	600 V, 20 A, 28 - 12 AWG
	CSA	600 V, 20 A, 28 - 12 AWG
Certifications	UL, CSA, VDE, GL, LR, DNV	

Terminal blocks

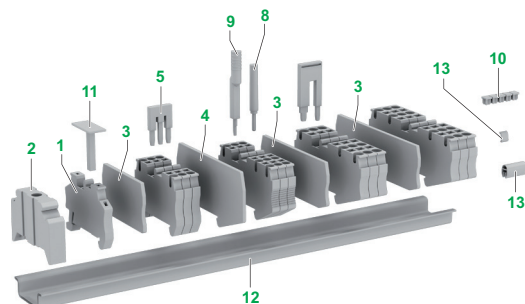
		Sold in lots of	Unit reference
	Grey	50	NSYTRR22
	Blue	50	NSYTRR22BL

Accessories

1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRACR22
4	Partition plate, width 2 mm	Grey	50	NSYTRAPR42
5	Plug-in bridge	Red		
		2-pole	50	NSYTRAL22
		3-pole	50	NSYTRAL23
		4-pole	50	NSYTRAL24
		5-pole	50	NSYTRAL25
		10-pole	10	NSYTRAL210
		20-pole	10	NSYTRAL220
		Blue	10	NSYTRAL210BL
8	Test plug	10-pole	10	NSYTRAL210GR
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
10	Warning label	Yellow	10	NSYTRACSR2
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
12	DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
13	Marking accessories	See page 142		

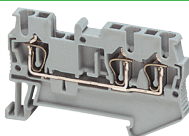
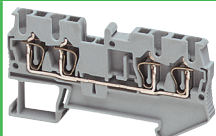
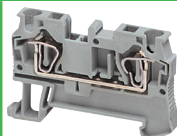
General data

Strip length (mm)	10
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Linery TR

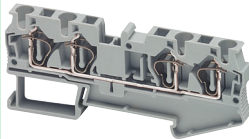
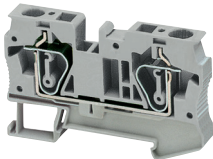
Spring terminal blocks

	NSYTRR23			NSYTRR24			NSYTRR43				
	2.5 mm²			2.5 mm²			4 mm²				
	Passthrough			Passthrough			Passthrough				
	1 pole - 1 x 2			1 pole - 2 x 2			1 pole - 1 x 2				
	Grey			Grey			Grey				
	800 V, 28 A			800 V, 28 A			800 V, 40 A				
	60.5			72			56		71.5		
36.5		36.5		36.5		36.5					
5.2		5.2		6.2		6.2					
2.5		2.5		4		4					
0.08 - 2.5		0.08 - 2.5		0.08 - 4		0.08 - 4					
0.08 - 4		0.08 - 4		0.08 - 6		0.08 - 6					
800 V, 24 A		800 V, 24 A		800 V, 32 A		800 V, 32 A					
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 -10 AWG		600 V, 30 A, 28 -10 AWG					
600 V, 20 A, 28 - 12 AWG		600 V, 20 A, 28 - 12 AWG		600 V, 30 A, 28 -10 AWG		600 V, 30 A, 28 -10 AWG					
UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR; DNV		UL, CSA, VDE, GL, LR, DNV					
Sold in lots of		Unit reference		Sold in lots of		Unit reference		Sold in lots of		Unit reference	
50		NSYTRR23		50		NSYTRR24		50		NSYTRR42	
50		NSYTRR23BL		50		NSYTRR24BL		50		NSYTRR42BL	
50		NSYTRR43		-		-		50		-	
50		NSYTRAAB35		50		NSYTRAAB35		50		NSYTRAAB35	
50		NSYTRAABV35		50		NSYTRAABV35		50		NSYTRAABV35	
50		NSYTRACR23		50		NSYTRACR24		50		NSYTRACR42	
50		NSYTRACR43		50		NSYTRACR43		50		NSYTRACR43	
-		-		50		NSYTRAPR24		50		NSYTRAPR42	
-		-		-		-		-		-	
50		NSYTRAL22		50		NSYTRAL22		50		NSYTRAL42	
50		NSYTRAL23		50		NSYTRAL23		50		NSYTRAL43	
50		NSYTRAL24		50		NSYTRAL24		50		NSYTRAL44	
50		NSYTRAL25		50		NSYTRAL25		50		NSYTRAL45	
10		NSYTRAL210		10		NSYTRAL210		10		NSYTRAL410	
10		NSYTRAL220		10		NSYTRAL220		10		NSYTRAL420	
10		NSYTRAL210BL		10		NSYTRAL210BL		10		NSYTRAL410BL	
10		NSYTRAL210GR		10		NSYTRAL210GR		10		NSYTRAL410GR	
10		NSYTRAATM1		10		NSYTRAATM1		10		NSYTRAATM1	
10		NSYTRAATP1		10		NSYTRAATP1		10		NSYTRAATP1	
10		NSYTRAFT		10		NSYTRAFT		10		NSYTRAFT	
10		NSYTRACSR2		10		NSYTRACSR2		10		-	
100		NSYTRASB4		100		NSYTRASB4		100		NSYTRASB4	
20		NSYSDR200BD		20		NSYSDR200BD		20		NSYSDR200BD	
10		10		10		10		10		10	

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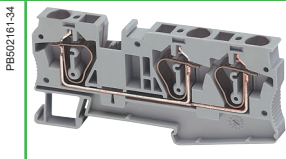
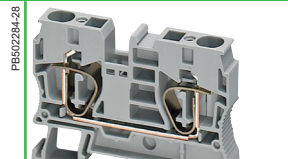
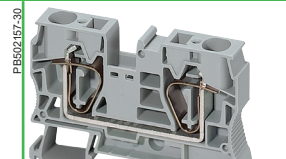
Spring terminal blocks

Spring terminal blocks - Passthrough

		PE602145-33 	PE602151-28 		
		NSYTTR44	NSYTTR62		
Nominal c.s.a.		4 mm²	6 mm²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 2 x 2	1 pole - 1 x 1		
	Colour	Grey	Grey		
Max. electric values (Umax, Imax)		800 V, 40 A	1000 V, 52 A		
Dimensions (mm)					
	Length	87	69.5		
	Height	36.5	43.5		
	Width	6.2	8.2		
Cabling c.s.a. (mm²)		4	6		
	Flexible cable	0.08 - 4	0.5 - 6		
	Solid cable	0.08 - 6	0.2 - 10		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 32 A	800 V, 41 A		
	UL	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG		
	CSA	600 V, 30 A, 28 -10 AWG	600 V, 50 A, 24 - 8 AWG		
Certifications		UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTTR44	50	NSYTTR62
	Blue			50	NSYTTR62BL
Accessories					
End stop	Clip-on, 5.2 mm	50	NSYTTRAB35	50	NSYTTRAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTTRABV35	50	NSYTTRABV35
End plate, width 2.2 mm	Grey	50	NSYTTRACR44	50	NSYTTRACR62
Plug-in bridge	2-pole	50	NSYTTRAL42	10	NSYTTRAL62
Red	3-pole	50	NSYTTRAL43	10	NSYTTRAL63
	4-pole	50	NSYTTRAL44	-	-
	5-pole	50	NSYTTRAL45	-	-
	10-pole	10	NSYTTRAL410	10	NSYTTRAL610
	20-pole	10	NSYTTRAL420	-	-
Blue	10-pole	10	NSYTTRAL410BL	-	-
Grey	10-pole	10	NSYTTRAL410GR	-	-
Step-down bridge, down to 2.5/4 mm²	Spring to spring terminal	-	-	10	NSYTTRALR62
Test plug	Metallic part, Ø 2.3 mm	10	NSYTTRATM1	10	NSYTTRATM1
	Insulating sleeve, red	10	NSYTTRATP1	10	NSYTTRATP1
Test adaptor	For plug-in bridge shaft	10	NSYTTRAPT	10	NSYTTRAPT
Marker tag holder	For ●AB35 end stop	100	NSYTTRASB4	100	NSYTTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYTSDR200BD	20	NSYTSDR200BD
Marking accessories		See page 142			
General data					
	Strip length (mm)	10		12	

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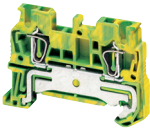
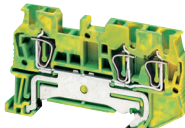
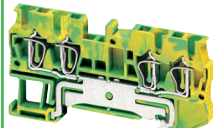
Spring terminal blocks

					
NSYTRR63		NSYTRR102		NSYTRR162	
6 mm ²		10 mm ²		16 mm ²	
Passthrough		Passthrough		Passthrough	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey		Grey	
1000 V, 52 A		1000 V, 65 A		1000 V, 90 A	
90.5		71.5		80	
43.5		50.5		51	
8.2		10.2		12.2	
6		10		16	
0.5 - 6		0.2 - 10		0.2 - 16	
0.2 - 10		0.2 - 16		0.2 - 25	
800 V, 41 A		800 V, 57 A		800 V, 76 A	
600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 16 - 6 AWG		600 V, 85 A, 16 - 4 AWG	
600 V, 50 A, 24 - 8 AWG		600 V, 65 A, 16 - 6 AWG		600 V, 85 A, 16 - 4 AWG	
UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR, DNV	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR63	50	NSYTRR102	50	NSYTRR162
-	-	50	NSYTRR102BL	50	NSYTRR162BL
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR63	50	NSYTRACR102	50	NSYTRACR162
10	NSYTRAL62	10	NSYTRAL102	10	NSYTRAL162
10	NSYTRAL63	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRAL610	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
10	NSYTRALR62	10	NSYTRALR102	10	-
10	NSYTRAATM1	10	NSYTRAATM1	-	-
10	NSYTRAATP1	10	NSYTRAATP1	-	-
10	NSYTRAFT	10	NSYTRAFT	-	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
12		18		18	

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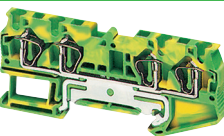
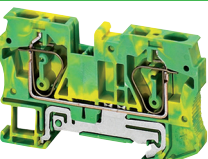
Spring terminal blocks

Spring terminal blocks - Protective earth

		PE502139-20 	PE502142-25 	PE502144-28 			
		NSYTRR22PE	NSYTRR23PE	NSYTRR24PE			
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			
		2.5	2.5	2.5			
Cabling c.s.a. (mm ²)	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			
Certifications		UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRR22PE	50	NSYTRR23PE	50	NSYTRR24PE
Accessories							
End stop for 35mm 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
Partition plate, width 2 mm	Grey	50	NSYTRAPR42			50	NSYTRAPR24
Plug-in bridge Red	2-pole	-	-	-	-	-	-
	3-pole	-	-	-	-	-	-
	10-pole	-	-	-	-	-	-
Test plug	Metallic part, Ø 2.3 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 142					
General data							
	Strip length (mm)	10		10		10	

Linery TR

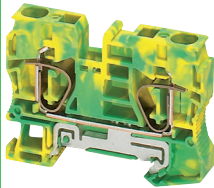
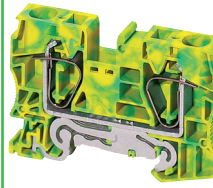
Spring terminal blocks

					
NSYTTR42PE		NSYTTR44PE		NSYTTR62PE	
4 mm ²		4 mm ²		6 mm ²	
Protective earth		Protective earth		Protective earth	
1 pole - 1 x 1		1 pole - 2 x 2		1 pole - 1 x 1	
Green/Yellow		Green/Yellow		Green/Yellow	
-		-		-	
56		87		69.5	
36.5		36.5		43.5	
6.2		6.2		8.2	
4		4		6	
0.08 - 4		0.08 - 4		0.2 - 6	
0.08 - 6		0.08 - 6		0.08 - 4	
-		-		-	
28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
28 - 10 AWG		28 - 10 AWG		24 - 8 AWG	
UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR, DNV		UL, CSA, VDE, GL, LR, DNV	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTTR42PE	50	NSYTTR44PE	50	NSYTRV62PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACR44	50	NSYTRACR62
50	NSYTRAPR42	-	-	-	-
-	-	-	-	10	NSYTRAL62
-	-	-	-	10	NSYTRAL63
-	-	-	-	10	NSYTRAL610
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
10	-	10	-	10	-
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		12	

Linery TR

Spring terminal blocks

Spring terminal blocks - Protective earth

					
		NSYTRR102PE	NSYTRR162PE		
Nominal c.s.a.		10 mm ²	16 mm ²		
	Type of block	Protective earth	Protective earth		
	Type of connection	1 pole - 1 x 1	1 pole - 1 x 1		
	Colour	Green/Yellow	Green/Yellow		
Max. electric values		-	-		
Dimensions (mm)					
	Length	71.5	80		
	Height	50.5	51		
	Width	10.2	12.2		
Cabling c.s.a. (mm ²)		10	16		
	Flexible cable	0.2 - 10	0.2 - 16		
	Solid cable	0.2 - 16	0.2 - 25		
Nominal electric values					
	IEC/EN 60947-7-1	-	-		
	UL	16 - 6 AWG	16 - 4 AWG		
	CSA	16 - 6 AWG	16 - 4 AWG		
Certifications		UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRR102PE	25	NSYTRR162PE
Accessories					
End stop for 35mm 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	NSYTRACR102	50	NSYTRACR162
Plug-in bridge Red	2-pole	10	NSYTRAL102	10	NSYTRAL162
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	-	-
	Insulating sleeve, red	10	NSYTRAATP1	-	-
Test adaptor	For plug-in bridge shaft	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 142			
General data					
	Strip length (mm)	18		18	

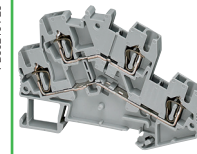


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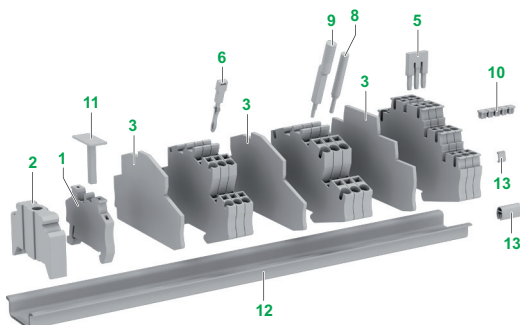
Spring terminal blocks

Spring terminal blocks - Double deck passthrough

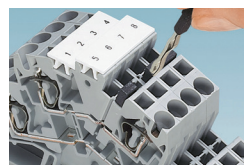
PB502164-25



		NSYTRR24D	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough - Double deck	
	Type of connection	2 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		500 V, 26 A	
Dimensions (mm)			
	Length	78	
	Height	55	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	500 V, 22 A	
	UL	600 V, 20 A, 28 - 12 AWG	
	CSA	600 V, 20 A, 28 - 12 AWG	
Certifications (1)		UL, CSA, VDE, GL, LR, DNV	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRR24D
	Blue	-	-
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACRE24
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Vertical bridge	1-pole	50	NSYTRALV24R
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	10	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35x7.2mm	Perforated, 2m long	20	NSYSDR200BD
Marking accessories		See page 142	
General data			
	Strip length (mm)	10	



PB502354-33

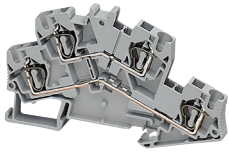


The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** or **NSYTRR44D** terminal blocks.

Linery TR

Spring terminal blocks

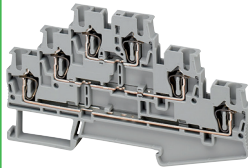
PB602153-30



NSYTRR44D

4 mm²
Passthrough - Double deck
2 pole - 1 x 1
Grey
500 V, 34 A

PB602155-33



NSYTRR26T

2.5 mm²
Passthrough - 3 Levels
3 pole - 1 x 1
Grey
500 V, 28 A

92.4

55

6.2

4

0.08 - 4

0.08 - 6

99.5

58

5.2

2.5

0.08 - 2.5

0.08 - 4

500 V, 28 A

600 V, 30 A, 28 - 10 AWG

600 V, 30 A, 28 - 10 AWG

UL, CSA, VDE, GL, LR, DNV

500 V, 20 A

600 V, 20 A, 28 - 12 AWG

600 V, 20 A, 28 - 12 AWG

UL, CSA, VDE, GL, LR

Sold in
lots of

Unit reference

50

NSYTRR44D

50

NSYTRR44DBL

Sold in
lots of

Unit reference

50

NSYTRR26T

-

-

50

NSYTRAAB35

50

NSYTRAABV35

50

NSYTRACRE44

50

NSYTRAAB35

50

NSYTRAABV35

-

-

50

NSYTRAL42

50

NSYTRAL43

50

NSYTRAL44

50

NSYTRAL45

10

NSYTRAL410

10

NSYTRAL420

50

NSYTRALV24R

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAFT

10

-

100

NSYTRASB4

20

NSYSR200BD

50

NSYTRAL22

50

NSYTRAL23

50

NSYTRAL24

50

NSYTRAL25

10

NSYTRAL210

10

NSYTRAL220

-

-

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAFT

10

NSYTRACSR2

100

NSYTRASB4

20

NSYSR200BD

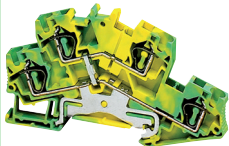
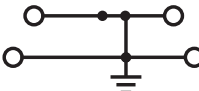
10

10

Linergy TR

Spring terminal blocks

Spring terminal blocks - Double deck protective earth

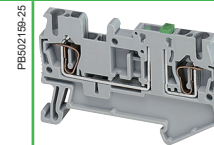
					
		NSYTRR24DPE	NSYTRR44DPE		
Nominal c.s.a.	Type of block	2.5 mm ²	4 mm ²		
	Type of connection	Protective earth - Double deck	Protective earth - Double deck		
	Type of connection	1 pole - 2 x 2	1 pole - 2 x 2		
	Colour	Green/Yellow	Green/Yellow		
Max. electric values		-	-		
Dimensions (mm)					
	Length	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		
Certifications (1)		UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV		
Terminal blocks					
	Green/Yellow	Sold in lots of 50	Unit reference NSYTRR24DPE	Sold in lots of 50	Unit reference 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
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	Metallic part, Ø 2.3 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	-
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 142			
General data					
Strip length (mm)		10		10	



Lineryy TR

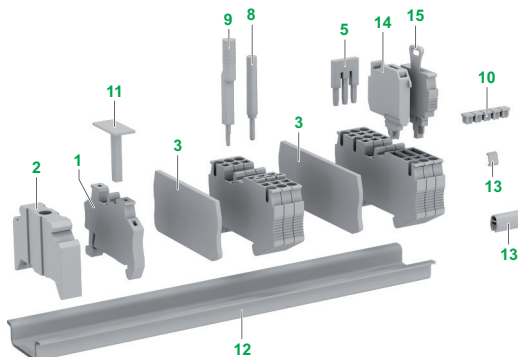
Spring terminal blocks

Spring terminal blocks - Disconnect



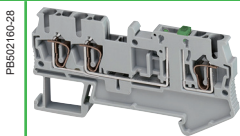
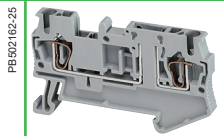
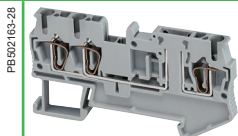
PRB02195-25

		NSYTRR22SC	
Nominal c.s.a.		2.5 mm²	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		400 V, 20 A	
Dimensions (mm)			
	Length	60.5	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.08 - 2.5	
	Solid cable	0.08 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	600 V, 16 A, 28 - 12 AWG	
	CSA	300 V, 16 A, 28 - 12 AWG	
Certifications		UL, CSA	
Terminal blocks			
	Grey	Sold in lots of	Unit reference
		50	NSYTRR22SC
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACR23
Partition plate, width 2 mm	Grey	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Removable carrier width 6.1 mm 6 A max	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	-	-
Removable carrier width 5.1 mm 6 A max	For component	-	-
	With 1N4007 diode	-	-
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Warning label	Yellow	50	NSYTRACSR2
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 142	
General data			
	Strip length (mm)	10	



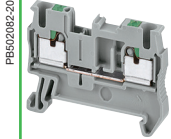
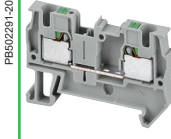
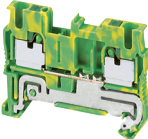
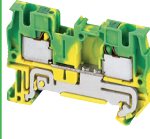
Linery TR

Spring terminal blocks

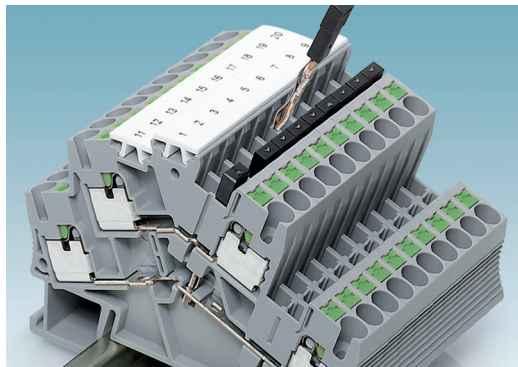
					
NSYTRR23SC		NSYTRR22TB		NSYTRR23TB	
2.5 mm ²		2.5 mm ²		2.5 mm ²	
Disconnect (blade)		Disconnect (for carrier)		Disconnect (for carrier)	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 2	
Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 20 A	
72		60.5		72	
36.5		36.5		36.5	
5.2		5.2		5.2	
2.5		2.5		2.5	
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, 20 A	
600 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG	
300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG		300 V, 16 A, 28 - 12 AWG	
UL, CSA		UL, CSA		UL, CSA	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRR23SC	50	NSYTRR22TB	50	NSYTRR23TB
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR24	50	NSYTRACR23	50	NSYTRACR24
50	NSYTRAPR24	-	-	50	NSYTRAPR24
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL22
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL23
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL24
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL25
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL210
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL220
-	-	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	

Lineryy TR

Selection guide: push-in terminal blocks

Push-in		Passthrough		Protective earth	
		Passthrough			
					
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
	2 - 1 x 1	-	-	-	-
Colours	Grey			-	-
	Blue	NSYTRP22BL NSYTRP23BL NSYTRP24BL	NSYTRP42BL NSYTRP43BL NSYTRP44BL	-	-
	Green/yellow (PE)	-	-		
	Orange	NSYTRP22AR NSYTRP23AR	-	-	-
Mounting on	35 mm 				
	35 mm 				
	Telequick	-	-	-	-
	15 mm 	-	-	-	-
See pages		128/129	129/130	132	133

PB502360-70

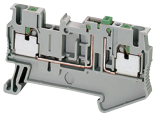
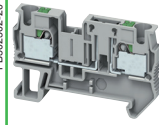


Vertical bridge

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

Linergy TR

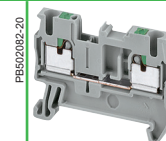
Selection guide: push-in terminal blocks

	Double deck	Disconnect	
		Blade	Removable carrier
			
	2.5	2.5	2.5 & 4
	-	NSYTRP22SC	NSYTRP22TB NSYTRP42TB
	-	NSYTRP23SC	-
	-	-	-
	NSYTRP24D	-	-
	■	■	■
	NSYTRP24DBL	-	-
	NSYTRP24DPE	-	-
	-	-	-
	■	■	■
	■	■	■
	-	-	-
	-	-	-
	134	136/137	137

Linergy TR

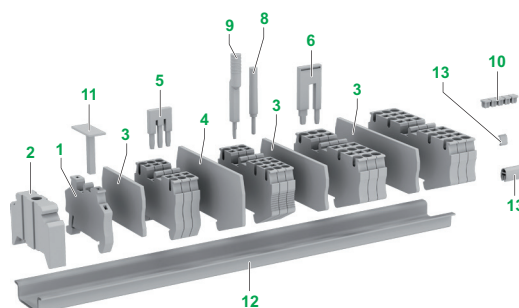
Push-in terminal blocks

Push-in terminal - Passthrough



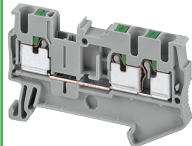
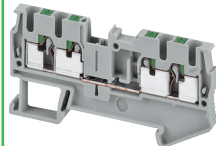
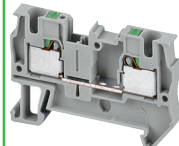
PR602002-20

		NSYTRP22	
Nominal c.s.a.		2.5 mm²	
	Type of block	Passthrough	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax , Imax)		800 V, 30 A	
Dimensions (mm)			
	Length	48.5	
	Height	36.5	
	Width	5.2	
		2.5	
	Cabling c.s.a. (mm²)	Flexible cable	
		0.14 - 2.5	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	800 V, 24 A	
	UL	600 V, 20 A, 24 -12 AWG	
	CSA	600 V, 20 A, 24 -12 AWG	
Certifications		UL, CSA, VDE, GL, LR	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRP22
	Blue	50	NSYTRP22BL
	Orange	50	NSYTRP22AR
Accessories			
End stop	Clip-on, 5.2 mm	50	NSYTRAAB35
for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35
End plate width 2.2 mm	Grey	50	NSYTRACR22
Partition plate width 2 mm	Grey	50	NSYTRAPR42
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Blue	10-pole	10	NSYTRAL210BL
Grey	10-pole	10	NSYTRAL210GR
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 142	
General data			
	Strip length (mm)	10	



Linery TR

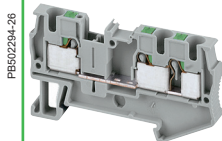
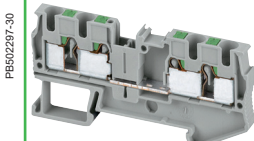
Push-in terminal blocks

 PB502291-25	 PB502291-28	 PB502291-23			
NSYTRP23	NSYTRP24	NSYTRP42			
2.5 mm ²	2.5 mm ²	4 mm ²			
Passthrough	Passthrough	Passthrough			
1 pole - 1 x 2	1 pole - 2 x 2	1 pole - 1 x 1			
Grey	Grey	Grey			
800 V, 30 A	800 V, 30 A	800 V, 38 A			
60.5	72	56			
36.5	36.5	36.5			
5.2	5.2	6.2			
2.5	2.5	4			
0.14 - 2.5	0.14 - 2.5	0.2 - 4			
0.14 - 4	0.14 - 4	0.2 - 6			
800 V, 24 A	800 V, 24 A	800 V, 32 A			
600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG	600 V, 30 A, 24 - 10 AWG			
600 V, 20 A, 24 -12 AWG	600 V, 20 A, 24 -12 AWG	600 V, 30 A, 24 - 10 AWG			
UL, CSA, VDE, GL, LR	UL, CSA, VDE, GL, LR	UL, CSA, GL, LR			
Sold in lots of	Sold in lots of	Sold in lots of	Unit reference	Unit reference	Unit reference
50	50	50	NSYTRP23	NSYTRP24	NSYTRP42
50	50	50	NSYTRP23BL	NSYTRP24BL	NSYTRP42BL
50	-	-	NSYTRP23AR	-	-
50	50	50	NSYTRAAB35	NSYTRAAB35	NSYTRAAB35
50	50	50	NSYTRAABV35	NSYTRAABV35	NSYTRAABV35
50	50	50	NSYTRACR23	NSYTRACR24	NSYTRACR42
-	50	50	-	NSYTRAPR24	NSYTRAPR42
50	50	50	NSYTRAL22	NSYTRAL22	NSYTRAL42
50	50	50	NSYTRAL23	NSYTRAL23	NSYTRAL43
50	50	50	NSYTRAL24	NSYTRAL24	NSYTRAL44
50	50	50	NSYTRAL25	NSYTRAL25	NSYTRAL45
10	10	10	NSYTRAL210	NSYTRAL210	NSYTRAL410
10	10	10	NSYTRAL220	NSYTRAL220	NSYTRAL420
10	10	10	NSYTRAL210BL	NSYTRAL210BL	NSYTRAL410BL
10	10	10	NSYTRAL210GR	NSYTRAL210GR	NSYTRAL410GR
10	10	10	NSYTRAATM1	NSYTRAATM1	NSYTRAATM1
10	10	10	NSYTRAATP1	NSYTRAATP1	NSYTRAATP1
10	10	10	NSYTRAFT	NSYTRAFT	NSYTRAFT
100	100	100	NSYTRASB4	NSYTRASB4	NSYTRASB4
20	20	20	NSYSDR200BD	NSYSDR200BD	NSYSDR200BD
10	10	12			

Linergy TR

Push-in terminal blocks

Push-in terminal - Passthrough

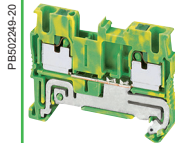
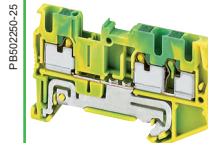
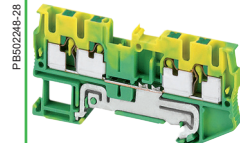
					
		PE502294-26	PE502297-30		
		NSYTRP43	NSYTRP44		
Nominal c.s.a.		4 mm²	4 mm²		
	Type of block	Passthrough	Passthrough		
	Type of connection	1 pole - 1 x 2	1 pole - 2 x 2		
	Colour	Grey	Grey		
Max. electric values (Umax , Imax)		800 V, 38 A	800 V, 38 A		
Dimensions (mm)					
	Length	66.5	77		
	Height	36.5	36.5		
	Width	6.2	6.2		
Cabling c.s.a. (mm²)		4	4		
	Flexible cable	0.2 - 4	0.2 - 4		
	Solid cable	0.2 - 6	0.2 - 6		
Nominal electric values					
	IEC/EN 60947-7-1	800 V, 32 A	800 V, 32 A		
	UL	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
	CSA	600 V, 30 A, 24 - 10 AWG	600 V, 30 A, 24 - 10 AWG		
Certifications		UL, CSA, GL, LR	UL, CSA, GL, LR		
Terminal blocks					
		Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Grey	50	NSYTRP43	50	NSYTRP44
	Blue	50	NSYTRP43BL	50	NSYTRP44BL
	Orange	-	-	-	-
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 width 2.2 mm	Grey	50	NSYTRACP43	50	NSYTRACP44
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
Blue	10-pole	10	NSYTRAL410BL	10	NSYTRAL410BL
Grey	10-pole	10	NSYTRAL410GR	10	NSYTRAL410BL
Test plug	Metallic part, Ø 2.3 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 142			
General data					
Strip length (mm)		12		12	



Linergy TR

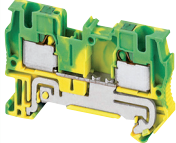
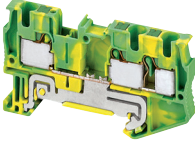
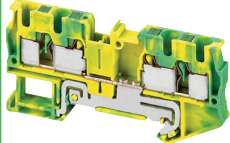
Push-in terminal blocks

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			
Certifications		UL, CSA, VDE, GL, LR	UL, CSA, VDE, GL, LR	UL, CSA, VDE, GL, LR			
Terminal blocks							
		Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
	Green/Yellow	50	NSYTRP22PE	50	NSYTRP23PE	50	NSYTRP24PE
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, width 2.2 mm	Grey	50	NSYTRACR22	50	NSYTRACR23	50	NSYTRACR24
Partition plate, width 2 mm	Grey	50	NSYTRAPR42	-	-	50	NSYTRAPR24
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	Metallic part, Ø 2.3 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	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
Marking accessories		See page 142					
General data							
	Strip length (mm)	10		10		10	

Linery TR

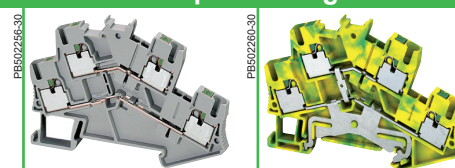
Push-in terminal blocks

 PES0/236-26	NSYTRP42PE				
	4 mm²				
	Protective earth				
	1 pole - 1 x 1				
	Green/Yellow				
-					
 PES0/236-26	NSYTRP43PE				
	4 mm²				
	Protective earth				
	1 pole - 1 x 2				
	Green/Yellow				
-					
 PES0/236-30	NSYTRP44PE				
	4 mm²				
	Protective earth				
	1 pole - 2 x 2				
	Green/Yellow				
-					
56	66.5	77			
36.5	36.5	36.5			
6.2	6.2	6.2			
4	4	4			
0.08 - 4	0.08 - 4	0.08 - 4			
0.08 - 6	0.08 - 6	0.08 - 6			
-	-	-			
24 - 10 AWG	24 - 10 AWG	24 - 10 AWG			
24 - 10 AWG	24 - 10 AWG	24 - 10 AWG			
UL, CSA, GL, LR	UL, CSA, GL, LR	UL, CSA, GL, LR			
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP42PE	50	NSYTRP43PE	50	NSYTRP44PE
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACR42	50	NSYTRACP43	50	NSYTRACP44
50	NSYTRAPR42	-	-	-	-
50	NSYTRAL42	50	NSYTRAL42	50	NSYTRAL42
50	NSYTRAL43	50	NSYTRAL43	50	NSYTRAL43
50	NSYTRAL44	50	NSYTRAL44	50	NSYTRAL44
50	NSYTRAL45	50	NSYTRAL45	50	NSYTRAL45
10	NSYTRAL410	10	NSYTRAL410	10	NSYTRAL410
10	NSYTRAL420	10	NSYTRAL420	10	NSYTRAL420
10	NSYTRAATM1	10	NSYTRAATM1	10	NSYTRAATM1
10	NSYTRAATP1	10	NSYTRAATP1	10	NSYTRAATP1
10	NSYTRAFT	10	NSYTRAFT	10	NSYTRAFT
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
12		12		12	

Linergy TR

Push-in terminal blocks

Push-in terminal blocks - Double deck passthrough



	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 (Umax, Imax)	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
Certifications (1)	UL, CSA, VDE, GL, LR, DNV	UL, CSA, VDE, GL, LR, DNV

Terminal blocks

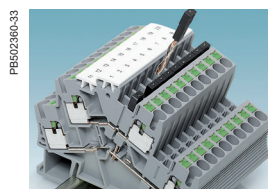
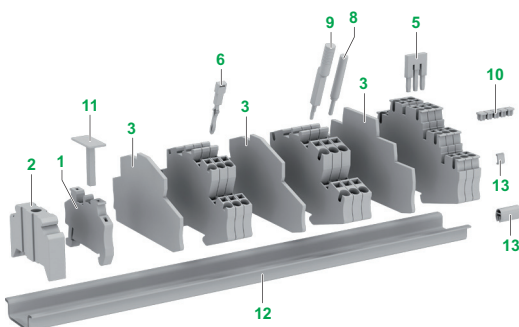
	Sold in lots of	Unit reference	Sold in lots of	Unit reference
Grey	50	NSYTRP24D	50	NSYTRP24DPE
Blue	50	NSYTRP24DBL	-	-

Accessories

1	End stop	Clip-on, 5.2 mm	50	NSYTRAAB35	50	NSYTRAAB35
2	for 35 mm DIN rail	With screw, 9.5 mm	50	NSYTRAABV35	50	NSYTRAABV35
3	End plate, width 2.2 mm	Grey	50	NSYTRACRE24	50	NSYTRACRE24
5	Plug-in bridge	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
6	Vertical bridge	1-pole	50	NSYTRALV24R	-	-
8	Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1	10	NSYTRAATM1
		Insulating sleeve, red	10	NSYTRAATP1	10	NSYTRAATP1
9	Test adaptor	For plug-in bridge shaft	10	NSYTRAFT	10	NSYTRAFT
11	Marker tag holder	For ●AB35 end stop	100	NSYTRASB4	100	NSYTRASB4
12	DIN rail	Perforated, 2 m long	20	NSYSR200BD	20	NSYSR200BD
13	Marking accessories		See page 142			

General data

Strip length (mm)	10	10
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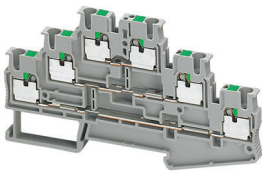


The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double deck **NSYTRP24D** terminal block.

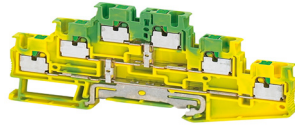
Linery TR

Push-in terminal blocks

PE502916-35



PB502926-34



NSYTRP26T

2.5 mm²
Passthrough - 3 Levels
3 pole - 1 x 1
Grey
500 V, 24 A

NSYTRP26TPE

2.5 mm²
Passthrough - 3 Levels
3 pole - 1 x 1
Green/Yellow
-

102
58
5.2
2.5
0.14 - 2.5
0.14 - 4

102
58
5.2
2.5
0.14 - 2.5
0.14 - 4

500 V, 20 A
300 V, 20 A, 26 - 12 AWG
300 V, 20 A, 26 - 12 AWG
UL, CSA

-
26 - 12 AWG
-
UL

Sold in lots of Unit reference

50	NSYTRP26T
50	-
50	NSYTRAAB35
50	NSYTRAABV35
50	NSYTRACPE26
50	NSYTRAL22
50	NSYTRAL23
50	NSYTRAL24
50	NSYTRAL25
10	NSYTRAL210
10	NSYTRAL220
-	-
10	NSYTRAATM1
10	NSYTRAATP1
10	NSYTRAFT
100	NSYTRASB4
20	NSYSDR200BD

Sold in lots of Unit reference

50	NSYTRP26TPE
-	-
50	NSYTRAAB35
50	NSYTRAABV35
50	NSYTRACPE26
50	NSYTRAL22
50	NSYTRAL23
50	NSYTRAL24
50	NSYTRAL25
10	NSYTRAL210
10	NSYTRAL220
-	-
10	NSYTRAATM1
10	NSYTRAATP1
10	NSYTRAFT
100	NSYTRASB4
20	NSYSDR200BD

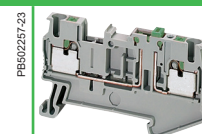
10

10

Linergy TR

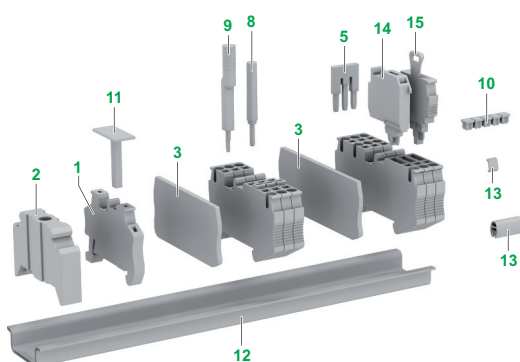
Push-in terminal blocks

Push-in terminal blocks - Disconnect



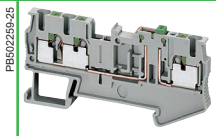
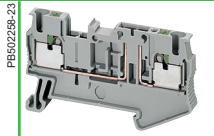
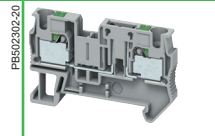
PB502257-23

		NSYTRP22SC	
Nominal c.s.a.		2.5 mm²	
	Type of block	Disconnect (blade)	
	Type of connection	1 pole - 1 x 1	
	Colour	Grey	
Max. electric values (Umax, Imax)		400 V, 20 A	
Dimensions (mm)			
	Length	62	
	Height	36.5	
	Width	5.2	
Cabling c.s.a. (mm²)		2.5	
	Flexible cable	0.14 - 2.5	
	Solid cable	0.14 - 4	
Nominal electric values			
	IEC/EN 60947-7-1	400 V, 20 A	
	UL	300 V, 20 A, 26 -12 AWG	
	CSA	300 V, 20 A, 26 -12 AWG	
Certifications		UL, CSA, VDE, GL, LR	
Terminal blocks			
		Sold in lots of	Unit reference
	Grey	50	NSYTRP22SC
Accessories			
End stop for 35 mm DIN rail	Clip-on, 5.2 mm	50	NSYTRAAB35
	With screw, 9.5 mm	50	NSYTRAABV35
End plate, width 2.2 mm	Grey	50	NSYTRACPK22
Partition plate, width 2 mm	Grey	-	-
Plug-in bridge Red	2-pole	50	NSYTRAL22
	3-pole	50	NSYTRAL23
	4-pole	50	NSYTRAL24
	5-pole	50	NSYTRAL25
	10-pole	10	NSYTRAL210
	20-pole	10	NSYTRAL220
Removable carrier width 6.1 mm	For fuse 5 x 20 mm	-	
	For fuse 5 x 20 mm 110 V	-	
	For fuse 5 x 20 mm 12 V	-	
Removable carrier width 5.1 mm	For component	-	
	With 1N4007 diode	-	
Test plug	Metallic part, Ø 2.3 mm	10	NSYTRAATM1
	Insulating sleeve, red	10	NSYTRAATP1
Test adaptor	For plug-in bridge shaft	10	NSYTRAFT
Marker tag holder	For ●AB35 end stop	100	NSYTRASB4
DIN rail 35 x 7.2 mm	Perforated, 2 m long	20	NSYSDR200BD
Marking accessories		See page 142	
General data			
	Strip length (mm)	10	



Linery TR

Push-in terminal blocks

					
NSYTRP23SC		NSYTRP22TB		NSYTRP42TB	
2.5 mm ²		2.5 mm ²		4 mm ²	
Disconnect (blade)		Disconnect (for carrier)		Disconnect (for carrier)	
1 pole - 1 x 2		1 pole - 1 x 1		1 pole - 1 x 1	
Grey		Grey		Grey	
400 V, 20 A		400 V, 20 A		400 V, 20 A	
72		62		56	
36.5		36.5		36.5	
5.2		5.2		6.2	
2.5		2.5		4	
0.14 - 2.5		0.14 - 2.5		0.2 - 4	
0.14 - 4		0.14 - 4		0.2 - 6	
400 V, 20 A		400 V, 20 A		400 V, 20 A	
300 V, 20 A, 26 -12 AWG		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, 26 -12 AWG		300 V, 20 A, 24 -12 AWG	
UL, CSA, VDE, GL, LR		UL, CSA, VDE, GL, LR		UL, CSA, VDE, GL	
Sold in lots of	Unit reference	Sold in lots of	Unit reference	Sold in lots of	Unit reference
50	NSYTRP23SC	50	NSYTRP22TB	50	NSYTRP42TB
50	NSYTRAAB35	50	NSYTRAAB35	50	NSYTRAAB35
50	NSYTRAABV35	50	NSYTRAABV35	50	NSYTRAABV35
50	NSYTRACPK23	50	NSYTRACPK22	50	NSYTRACR42
50	NSYTRAPR24	-	-	50	NSYTRAPR24
50	NSYTRAL22	50	NSYTRAL22	50	NSYTRAL42
50	NSYTRAL23	50	NSYTRAL23	50	NSYTRAL43
50	NSYTRAL24	50	NSYTRAL24	50	NSYTRAL44
50	NSYTRAL25	50	NSYTRAL25	50	NSYTRAL45
10	NSYTRAL210	10	NSYTRAL210	10	NSYTRAL410
10	NSYTRAL220	10	NSYTRAL220	10	NSYTRAL420
-		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
100	NSYTRASB4	100	NSYTRASB4	100	NSYTRASB4
20	NSYSDR200BD	20	NSYSDR200BD	20	NSYSDR200BD
10		10		10	

Linergy TR

Accessories

Accessories

									
	PB502108-18	PB502110-18	PB502202-36	PB502202-36					
Test accessories									
NSYTRAFT		NSYTRAFT●●		NSYTRAATM1					
NSYTRAATP1									
Description	Test adapter for Ø 4 mm test plugs	Snap-on test adapter for Ø 4 mm test plugs	Test adapter - metallic part Ø 2.3 mm	Test adapter - plastic part					
Dimensions W / D / H (mm)	6 / 6.5 / 51 mm	6 / 6.5 / 51 mm	5 / 5 / 10.8 mm	5 / 5 / 20 mm					
Material	Polyamide (PA 6.6)	Polyamide (PA 6.6)	Silver-plated brass	Polyamide (PA 6.6)					
Colour	Grey	Orange / Yellow / Green	Silver	Red					
Inflammability class acc. to UL 94	V0	V0	-	V0					
Temperature range (°C)	-40 ... +125	-40 ... +125	-40 ... +125	-40 ... +125					
Compatibility	For 2.5 mm², 4 mm² & 6 mm² terminals	For 6 mm² terminals	For 2.5 mm², 4 mm² & 6 mm² terminals	-					
For terminal block width	5.2 mm; 6.2 mm & 8.2 mm	8.2 mm	5.2 mm; 6.2 mm & 8.2 mm	-					
Mounting position	Plugs in bridge shafts	Plugs in bridge shafts Cannot be removed	Plugs in bridge shafts For 2.3 mm Ø socket hole	For NSYTRAATM1 metal part					
Marking strips									
	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	
Color	Grey	10	NSYTRAFT	-	-	10	NSYTRAATM1	-	-
Yellow	-	-	10	NSYTRAFTYE	-	-	-	-	-
Green	-	-	10	NSYTRAFTGN	-	-	-	-	-
Red	-	-	-	-	-	-	10	NSYTRAATP1	

Accessories

							
	PB502123-20	PB502124-20	PB502122-18				
Insulation accessories	NSYTAAAB35	NSYTAAABV35	NSYTAAAB15				
Description	End stop, clip-on	End stop, with screw	End stop, clip-on				
Dimensions W / D / H (mm)	5.2 / 48.5 / 35	9.5 / 48.6 / 32.8	5.2 / 22 / 22.6 mm				
Material	Polyamide (PA)	Polyamide (PA)	Polyamide (PA)				
Colour	Grey	Grey	Grey				
Inflammability class acc. to UL 94	V2	V2	V2				
Temperature range (°C)	-40 ... +100	-40 ... +100	-40 ... +100				
Compatibility	For NS 35/7.5 or NS 35/15 DIN rail	For NS 35/7.5 or NS 35/15 DIN rail	For NS 15 DIN rail				
For terminal block width	-	-	-				
Mounting position	Markable with NSYTABF5● strips	Markable with NSYTAB8● strips	Markable with NSYTABF5● strips				
Marking strips							
	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	Sold in lots of	Unit Reference	
Color	Grey	50	NSYTAAAB35	50	NSYTAAABV35	50	NSYTAAAB15
	Yellow	-	-	-	-	-	-



Life is On | Schneider Electric F-57

Linergy TR

Marking accessories

Marking accessories

			
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 UL 94	V2	V2	V2
Temperature range (°C)	-40 ... +100	-40 ... +100	-40 ... +100
Compatibility	For all 2,5 mm ² terminal blocks For 10 mm ² TBs: 2 marking elements for 1 terminal	For all 4 mm ² terminal blocks For 16 mm ² TBs: 2 marking elements for 1 terminal	For 6 mm ² TBs: NSY TRV / TRR For 35 mm ² TBs: 2 marking elements for 1 terminal
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 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		
11 20	10	NSYTRAB520	10	NSYTRAB620		
21 30	10	NSYTRAB530	10	NSYTRAB630		
31 40	10	NSYTRAB540	10	NSYTRAB640		
41 50	10	NSYTRAB550	10	NSYTRAB650		
51 60	10	NSYTRAB560	10	NSYTRAB660		
61 70	10	NSYTRAB570	10	NSYTRAB670		
71 80	10	NSYTRAB580	10	NSYTRAB680		
81 90	10	NSYTRAB590	10	NSYTRAB690		
91 100	10	NSYTRAB5100	10	NSYTRAB6100		
1 100 (1 - 10; 11 - 20; ... 91 - 100)	100	NSYTRAB51100	100	NSYTRAB61100	-	-
L1, L2, L3, N, PE, L1, L2, L3, N, PE	10	NSYTRAB5L1N	10	NSYTRAB6L1N	-	-

Marking cards

							
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/DB6 terminals and Multi9 Acti9 range (2)

Blank (60 characters max.)	-	-	10	NSYTRAXPV6	-	-
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Accessories

Plotter adapter for marking cards	1	NSYTRABMP1	1	NSYTRABMP1	1	NSYTRABMP1
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(1) For 16mm² terminal blocks or bigger, the strip must be broken and use the individual marking characters.

(2) Only for AB1 terminal blocks 4mm²; and for Multi9 Acti9 range. Can't be used in NSYTR terminals.

Linergy TR

Marking accessories

 PB502340-16	NSYTRAB10●		 PB502350-20	NSYTRABF5●		NSYTRABF6●	
	10 consecutive figures or numbers, printed horizontally			10 consecutive figures or numbers, printed horizontally		10 consecutive figures or numbers, printed horizontally	
	Polyamide (PA 6.6, silicone and halogen free)			Polyamide (PA 6.6, silicone and halogen free)		Polyamide (PA 6.6, silicone and halogen free)	
	Black markings on white background			Black markings on white background		Black markings on white background	
	V2			V2		V2	
	-40 ... +100			-40 ... +100		-40 ... +100	
For ≥ 10 mm² TBs: NSY TRV / TRR		For all 2,5 mm² terminal blocks For 10 mm² TBs: 2 marking elements for 1 terminal.		For all 4 mm² terminal blocks For 16 mm² TBs: 2 marking elements for 1 terminal.			
≥ 10.2 mm (1)		5.2 mm		6.2 mm			
Lateral sides for NSYTRV terminal blocks Central shaft for NSYTRR / NSYTRP terminal blocks		Lateral sides for all NSYTR terminal blocks		Lateral sides for all NSYTR terminal blocks			

	Sold in lots of	Unit reference		Sold in lots of	Unit reference		Sold in lots of	Unit reference
				10	NSYTRABF510		10	NSYTRABF610
				10	NSYTRABF520		-	NSYTRABF620
				10	NSYTRABF530		10	NSYTRABF630
				10	NSYTRABF540		10	NSYTRABF640
				10	NSYTRABF550		10	NSYTRABF650
				-	-		-	-
				-	-		-	-
				-	-		-	-
				-	-		-	-
				-	-		-	-
				-	-		-	-
	-	-		-	-		-	-
	-	-		-	-		-	-

 PB502341-26			 PB502342-26		
	Sold in lots of			Sold in lots of	
	Unit reference			Unit reference	
	-			-	
	-			-	
	-			-	
-		10	NSYTRABFPV5	-	
-		-	-	10	
-		-	-	10	
-		-	-	-	
-		-	-	-	
-		-	-	-	
-		1	-	1	
-		-	-	-	

Linery TR

Marking accessories

Marking accessories

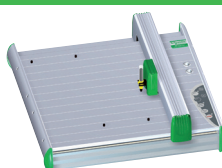
PB502201-20



		NSYTRABCV●	
		Marking collars for cables	
Description		Open marker carrier, 15 mm wide, for clipping into wire	
	Material	PVC (Siliconefree)	
	Colour	White marker with transparent sleeve	
	Inflammability class according to UL 94	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	-	-
Marking card with 50 inserts			
Colour	White	-	-

Marking accessories

PB502351-30



		NSYTRAPLOT	
		Plotter	
		■ 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			
		Sold in lots of	Unit reference
Adaptor plates	For NSYTRABPV● ; NSYTRAXPV* and NSYTRABCP5 marking cards	1	NSYTRABMP1
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.

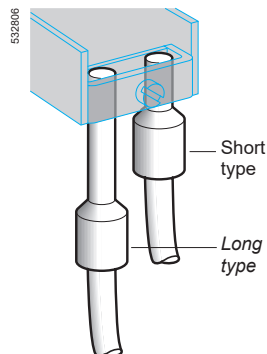


	8162258	
	AB1SA●	
	Blank clip-on marker	
Sold in lots of	500	
	Size mm	Unit reference
	4.5 x 8.3	AB1SA1

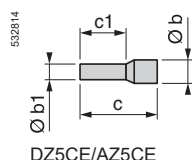
(2) For Schneider Electric products such as thermal-magnetic circuit-breakers, modular contactors, model D and model E contactors, interfaces. Can also be used with terminal blocks type NSYTR* in association with NSYTRABB* adapters.

Linery Cable Ends

Mounting and cabling accessories Conforming to standard NF C 63-023 or DIN 46228-4



DZ5CE



DZ5CE/AZ5CE



AZ5CE●●●

Single conductor cable ends (Packed in individual bags or "strings" of bags)											
Conductor c.s.a.		Type	Dimensions				Sold in lots of	Unit reference NF C 63-023		Unit reference DIN 46228-4	
mm²	AWG		Ø b	Ø b1	c	c1		Reference	color	Reference	color
0.25	26	Short	2.3	1.1	10	6	10 x 100	DZ5CE002L6	Yellow		
		Medium	2.3	1.1	12	8	10 x 100	DZ5CE002			
0.34	24	Short	2.5	1.1	10	6	10 x 100	DZ5CE003L6	Green		
		Medium	2.5	1.1	12	8	10 x 100	DZ5CE003			
0.5	22	Short	3.1	1.3	12	6	10 x 100	DZ5CE005L6 (1)	White	-	White
		Medium	3.1	1.3	14	8	10 x 100	DZ5CE005 (1)		DZ5CE005D (1)	
		-	-	-	-	-	-	-		DZ5CE005L10D (1)	
0.75	20	Short	3.3	1.5	12	6	10 x 100	DZ5CE007L6 (1)	Blue	DZ5CE007L6D (1)	Grey
		Medium	3.3	1.5	14	8	10 x 100	DZ5CE007 (1)		DZ5CE007D (1)	
1	18	Short	3.5	1.7	12	6	10 x 100	DZ5CE010L6 (1)	Red	DZ5CE010L6D (1)	Red
		Medium	3.5	1.7	14	8	10 x 100	DZ5CE010 (1)		DZ5CE010D (1)	
		Long	3.5	1.7	18	12	10 x 100	DZ5CE010L12 (1)		DZ5CE010L12D (1)	
1.5	16	Short	4	2	12	6	10 x 100	DZ5CE015L6 (1)	Black	DZ5CE015L6D (1)	Black
		Medium	4	2	14	8	10 x 100	DZ5CE015 (1)		DZ5CE015D (1)	
		Long	4	2	24	18	10 x 100	DZ5CE0153 (1)		DZ5CE0153D (1)	
2	14	Medium	4.2	2.2	14	8	10 x 100	DZ5CE020	Yellow		
2.5	14	Medium	4.7	2.5	14	8	10 x 100	DZ5CE025 (1)	Grey	DZ5CE025D (1)	Blue
		Long	4.7	2.5	24	18	10 x 100	DZ5CE0253 (1)		DZ5CE0253D (1)	
4	12	Medium	5.4	3.2	17	10	10 x 100	DZ5CE042 (1)	Orange	DZ5CE042D (1)	Grey
		Long	5.4	3.2	26	18	10 x 100	DZ5CE043 (1)		DZ5CE043D (1)	
6	10	Medium	6.9	3.9	20	12	1 x 100	DZ5CE062 (1)	Green	DZ5CE062D (1)	Yellow
		Long	6.9	3.9	26	18	1 x 100	DZ5CE063 (1)		DZ5CE063D (1)	
10	8	Medium	8.4	4.9	22	12	1 x 100	DZ5CE102 (1)	Brown	DZ5CE102D (1)	Red
		Long	8.4	4.9	28	18	1 x 100	DZ5CE103 (1)			
16	6	Medium	9.6	6.2	24	12	1 x 100	DZ5CE162 (1)	White	DZ5CE162D (1)	Blue
		Long	9.6	6.2	28	18	1 x 100	DZ5CE163 (1)			
25	4	Medium	12	7.7	30	18	1 x 50	DZ5CE252 (1)	Black	-	
		Long	12	7.7	36	22	1 x 50	DZ5CE253 (1)			
35	2	Medium	13.5	8.7	30	16	1 x 50	DZ5CE352 (1)	Red	DZ5CE352D (1)	Red
		Long	13.5	8.7	39	25	1 x 50	DZ5CE353 (1)			
50	0	Medium	16	11	36	20	1 x 50	DZ5CE502 (1)	Blue	-	Blue
		-	-	-	-	-	-	-			

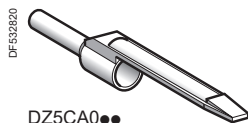
Single conductor cable ends (Packed in dispenser pack)											
0.5	22	Medium	3.1	1.3	14	8	5 x 200	AZ5CE005 (1)	White	AZ5CE005D (1)	White
0.75	20	Medium	3.3	1.5	14	8	5 x 200	AZ5CE007 (1)	Blue	AZ5CE007D (1)	Grey
1	18	Medium	3.5	1.7	14	8	5 x 200	AZ5CE010 (1)	Red	AZ5CE010D (1)	Red
1.5	16	Medium	4	2	14	8	5 x 200	AZ5CE015 (1)	Black	AZ5CE015D (1)	Black
2.5	14	Medium	4.7	2.5	14	8	5 x 200	AZ5CE025 (1)	Grey	AZ5CE025D (1)	Blue

Single conductor cable ends (Strips of 50 packed in bag)											
0.5	22	Medium	3.1	1.3	14	8	10 x 50	DZ5CEB005 (1)	White	DZ5CEB005D (1)	White
0.75	20	Medium	3.3	1.5	14	8	10 x 50	DZ5CEB007 (1)	Blue	DZ5CEB007D (1)	Grey
1	18	Medium	3.5	1.7	14	8	10 x 50	DZ5CEB010 (1)	Red	DZ5CEB010D (1)	Red
1.5	16	Medium	4	2	14	8	10 x 50	DZ5CEB015 (1)	Black	DZ5CEB015D (1)	Black
2.5	14	Medium	4.7	2.5	14	8	10 x 50	DZ5CEB025 (1)	Grey	DZ5CEB025D (1)	Blue

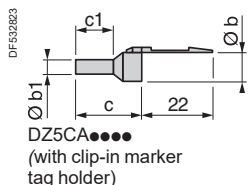
(1) UL certified products.

Linery Cable Ends

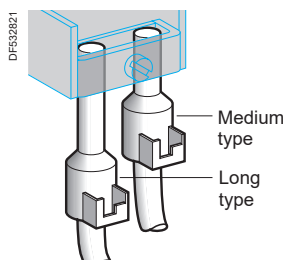
Mounting and cabling accessories Conforming to standard NF C 63-023 or DIN 46228-4



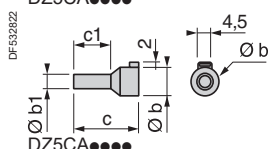
DZ5CA0●●



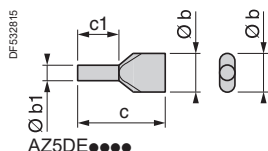
DZ5CA●●●●
(with clip-in marker tag holder)



DZ5CA●●●●



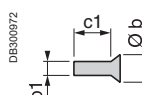
DZ5CA●●●●



AZ5DE●●●●



DZ5CE●●●●



DZ5CE●●●●

Single conductor markable cable ends (Packed in "strings" of bags)

Conductor c.s.a.		Type	Dimensions				Sold in lots of	Unit reference NF C 63-023		Unit reference DIN 46228-4	
mm ²	AWG		Ø b	Ø b1	c	c1		Reference	color	Reference	color
0.25	26	Medium	2.3	1.1	12	8	10 x 100	DZ5CA002	Yellow		
0.34	24	Medium	2.5	1.1	12	8	10 x 100	DZ5CA003	Green		
0.5	22	Medium	3.1	1.3	14	8	10 x 100	DZ5CA005 (1)	White	DZ5CA005D (1)	White
0.75	20	Medium	3.3	1.5	14	8	10 x 100	DZ5CA007 (1)	Blue	DZ5CA007D (1)	Grey
1	18	Medium	3.5	1.7	14	8	10 x 100	DZ5CA010 (1)	Red	DZ5CA010D (1)	Red
1.5	16	Medium	4	2	14	8	10 x 100	DZ5CA015 (1)	Black	DZ5CA015D (1)	Black
2.5	14	Medium	4.7	2.5	14	8	10 x 100	DZ5CA025 (1)	Grey	DZ5CA025D (1)	Blue

Single conductor cable ends with facility for clip-in marker tag holder

4	12	Medium	5.4	3.2	20	12	10 x 100	DZ5CA042 (1)	Orange	DZ5CA042D (1)	Grey
		Long	5.4	3.2	26	18	10 x 100	DZ5CA043 (1)			
6	10	Medium	6.9	3.9	20	12	1 x 100	DZ5CA062	Green	DZ5CA062D	Yellow
		Long	6.9	3.9	26	18	1 x 100	DZ5CA063			
10	8	Medium	8.4	4.9	22	12	1 x 100	DZ5CA102	Brown	DZ5CA102D	Red
		Long	8.4	4.9	28	18	1 x 100	DZ5CA103			
16	6	Medium	9.6	6.2	24	12	1 x 100	DZ5CA162	White	DZ5CA162D	Blue
		Long	9.6	6.2	28	18	1 x 100	DZ5CA163			
25	4	Medium	12	7.7	30	18	1 x 100	DZ5CA253	Black	DZ5CA253D	Yellow
35	2	Medium	13.5	8.7	30	16	1 x 20	DZ5CA352	Red	DZ5CA352D	Red
		Long	13.5	8.7	39	25	1 x 20	DZ5CA353			
50	0	Medium	16	11	36	20	1 x 20	DZ5CA502	Blue	DZ5CA502D	Blue
		Long	16	11	40	25	1 x 20	DZ5CA503			

Twin conductor cable ends (in dispenser pack)

2 x 0.75	20	Medium	2.8x5	2	15	8	5 x 100	AZ5DE007 (2)	Blue	AZ5DE007D (1)	Grey
2 x 1	18	Medium	3.4x5.4	2.25	15	8	5 x 100	AZ5DE010 (2)	Red	AZ5DE010D (1)	Red
2 x 1.5	16	Medium	3.6x6.6	2.5	15	8	5 x 100	AZ5DE015 (2)	Black	AZ5DE015D (1)	Black
2 x 2.5	14	Medium	4.2x7.8	3.2	18.5	10	5 x 50	AZ5DE025 (2)	Grey	AZ5DE025D (1)	Blue

Twin conductor cable ends (packed in 1 plastic bag)

2 x 0.5	22	Medium	2.5x4.7	1.7	15	8	1 x 1000	AZ5DE005 (2)	White		
2 x 0.75	20	Medium	2.8x5	2	15	8	1 x 1000	AZ5DE0071 (2)	Blue		
2 x 1	18	Medium	3.4x5.4	2.25	15	8	1 x 1000	AZ5DE0101 (2)	Red		
2 x 1.5	16	Medium	3.6x6.6	2.5	15	8	1 x 1000	AZ5DE0151 (2)	Black		
2 x 2.5	14	Medium	4.2x7.8	3.2	18.5	10	1 x 500	AZ5DE0255 (2)	Grey		

Single conductor uninsulated cable ends

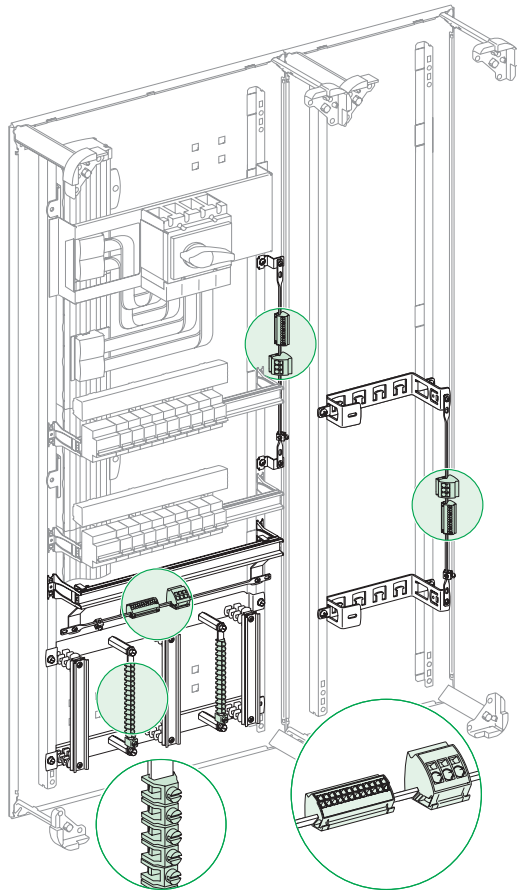
Conductor c.s.a.		Type	Dimensions				Sold in lots of	Unit reference DIN 46228-1	
mm ²	AWG		Ø b	Ø b1	c	c1		Reference	
0.75	20	Medium	2.3	1.2	--	8	10 x 100	DZ5CE007N	
1	18	Medium	2.5	1.4	--	8	10 x 100	DZ5CE010N	
1.5	16	Medium	2.8	1.7	--	8	10 x 100	DZ5CE015N	
2.5	14	Medium	3.4	2.2	--	10	10 x 100	DZ5CE025N	
4	12	Medium	4	2.8	--	12	1 x 100	DZ5CE040	
		Long	4.7	3.5	--	18	1 x 100	DZ5CE060L	
10	8	Medium	5.8	4.5	--	18	1 x 100	DZ5CE100	
		Long	7.5	5.8	--	18	1 x 100	DZ5CE160	

(1) UL certified products.

(2) cCSAus certified products.

Linergy TB Earth bars

DD381516-LIN



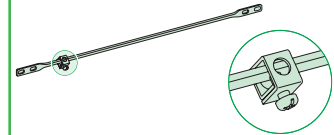
Description

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

DD381516-LIN

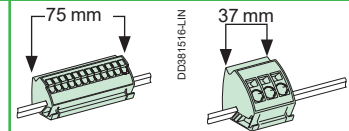


Copper earth bar

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
References	LVS04201

Accessories

DD381516-LIN



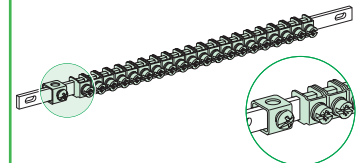
Earth blocks with terminals

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
References	LVS04214	LVS04215

Accessories

DD381516-LIN

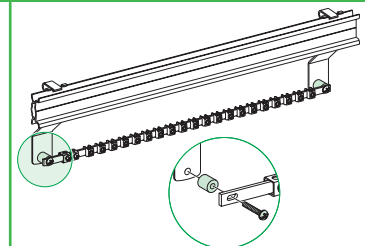


Earth bar with jumper

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)
References	LVS04200	LVS04202

Accessories

DD381519-LIN



Neutral bar

Converts an earth bar to a neutral bar

Composition	2 insulating spacers
References	LVS04210

Linergy TB PF conductors

PE conductors

DD381163-LIN	Vertical PE conductor with Linergy LGY profile (W = 1670 mm)	DD381162-LIN	Vertical PE conductor with Linergy BS busbar (W = 1675 mm)	DD381164-LIN	Horizontal PE conductor with Linergy BS busbar	
Rated short-time current (I _{cw})	≤ 40	> 40	≤ 40	> 40	≤ 40	> 40
Permissible current (A)	630	800				
Cross-section (mm)			25 x 5	50 x 5	25 x 5	50 x 5
References	LVS04502	LVS04503	LVS04512	LVS04515	LVS04512	LVS04515

Support selection

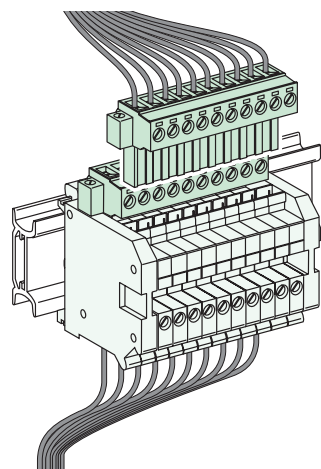
Composition	Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework		Three supports for a vertical PE (supplied with PE marking), to be screwed onto the framework		Two supports for a horizontal PE	
References	LVS04657		LVS04657		LVS04667	

Connection between PE conductors

	DD381159-LIN				
		Connection plates for horizontal/vertical PE bars		Linergy connection hardware	
Composition	2			20 M8 screws (W = 25 mm) + 20 nuts + 20 contact washers for connection to cable lugs or flexible bars	
References	LVS04672			LVS04766	

Linergy TA

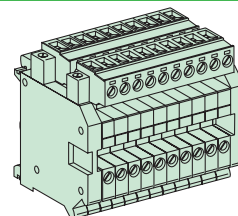
Auxiliary connections



Description

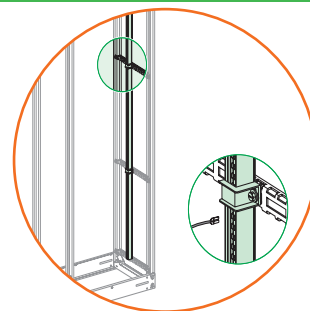
For distributing auxiliary voltages in power and regulation equipment.

Terminal block for auxiliary wiring



Standards		IEC	UL
Rated operational current at 40°	(Ie)	12 A	20 A
Rated operational voltage	(Ue)	250 V	300 V
Rated impulse withstand voltage	(Uimp)	4 kV	
Connection capacity	Input	10 (grey)	
	Output	2 x 10 (grey)	
Dimensions (HxWxD)	(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		LVS04228	

Four-pole auxiliary bus duct



		Duct for 4 conductors	
		166 tap-off points with Faston connectors, per linear meter	
Rated operational current at 40°	(Ie)	32 A	
Rated insulation voltage	(Ui)	660 V	
Length (mm)		1755	
Composition		Supplied with 2 end clamps and 1 lateral clamp for mounting on cable-tie supports	
References		LVS04203	



How to find more technical information?



All technical information about products listed in this guide are now available on: www.se.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.

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Then, clic on the green reference

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coil

Product

TeSys Deca contactor, 3P(3NO), AC-3/AC-3e, <=440V 9A, 230V AC coil

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Product Datasheet

2

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

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