Catalog | September 2025

Harmony® 9001K and 9001SK

Control and signaling units Ø30

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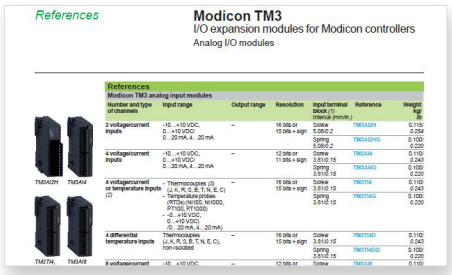

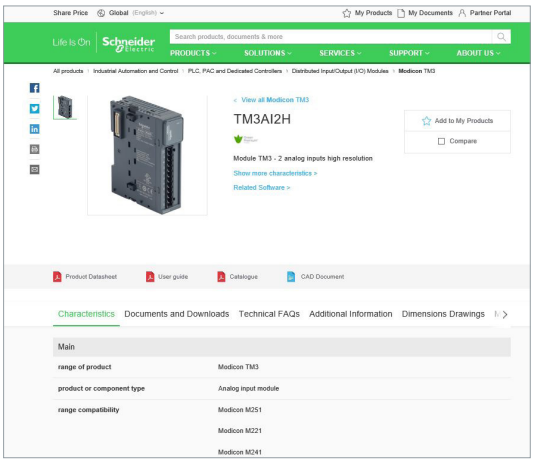

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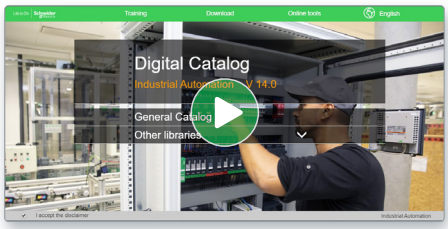

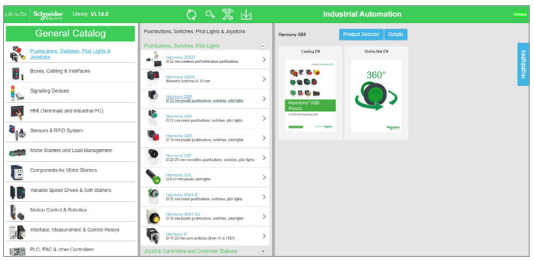

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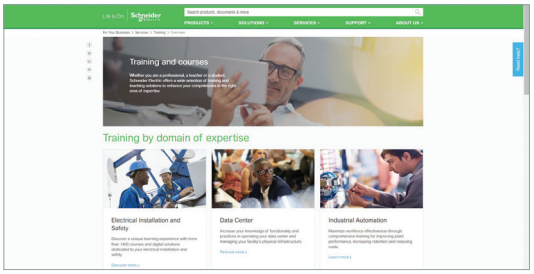

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Harmony

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Advanced operator interface and industrial relays

Harmony operator interface and industrial relays enhance operational efficiency and equipment availability across industrial and building applications. **Harmony** includes intelligent connected products and edge terminals that visualize, gather and process data, enabling informed operator decisions

Explore our offer

- Harmony Push Buttons and Switches
- Harmony HMI Operator Terminals, IPC and EdgeBox
- Harmony Signaling Devices
- Harmony Electrical Relays
- Harmony Safety

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Harmony® 9001K and 9001SK pushbuttons, switches and pilot lights

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Control and signaling units

Product type	Pilot lights	Pushbuttons, selector switches, and pilot lights	Biometric switches	Wireless and batteryless pushbuttons	Pushbuttons, selector switches, and pilot lights	Joystick controllers	Pushbuttons, selector switches, and pilot lights	Cam switches
Description of range	■ LED pilot lights	■ Pushbuttons ■ Multiple-headed pushbuttons ■ Emergency stop pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights ■ Flush mounted pushbuttons, selector switches, and pilot lights *(1)*	Fingerprint readers 24V ⎓ ■ Standalone biometric switches ■ Standalone USB biometric switches ■ USB biometric switches dedicated to Schneider HMI *(2)*	■ Wireless and batteryless pushbuttons and rope pull switch ■ Wireless receivers ■ Harmony Hub ■ EcoStruxure Panel Server	■ Pushbuttons ■ Emergency stop and Emergency switching off pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights	■ 2- or 4-direction ■ Stay put or spring return	■ Pushbuttons ■ Emergency stop pushbuttons ■ Selector switches and key switches ■ Illuminated pushbuttons ■ Pilot lights	■ Stepping switches ■ Reversing and changeover switches ■ Ammeter switches ■ Voltmeter switches ■ Reversing switches ■ Star-delta and reversing star-delta switches ■ Pole change switches
Features – Products	Monolithic, compact, low consumption	Complete units or sub-assemblies (body + head)	Monolithic	Ready-to-use packs *(3)* and "components" range	Monolithic	Complete units or sub-assemblies (body + head with lever)	Complete units or pre-assembled units (body + head)	Complete units or sub-assemblies (body + front panel + head)
Features – Bezel	Double insulated	Double insulated *(4)*	Metal, chromium plated, or black / Double insulated	Double insulated, dark gray	Metal, chromium plated, or double insulated, black	Double insulated, dark gray (or white for pilot lights)	Metal, chromium plated / Double insulated, black	Metal, chromium plated, or double insulated, black
Features – Shape of head	Circular	Circular, square, or rectangular	Circular / Circular	–	Transmitter with circular head	Circular	Circular	Hexagonal	Square
Drill hole or cut-out for fixing	Ø 8 and Ø 12 mm/ *0.315 and 0.472 in.*	Ø 16 mm/*0.630 in.*	Ø 22 mm/*0.866 in.* Ø 30 mm/*1.181 in.* (for flush mounted control and signaling units)	Ø 22 mm/*0.866 in.*			Ø 30 mm/*1.181 in.*	Ø 16 or Ø 22 mm/*0.630 or 0.866 in.*: series K10 Ø 22 mm/*0.866 in.* and multifixing: series K1/K2 4 holes, 48 or 68 centers: series K30…K150
Degree of protection – Conforming to IEC 60529	IP40 IP65 with seal	IP65	IP66, IP67, IP69, and IP69K	IP65 (control button)	IP65	IP65 (control buttons and pilot lights) IP54 (Emergency switching off pushbuttons)	IP65 / IP66 / IP65	IP66 (complete units) IP65 (pre-assembled units)	IP65: series K10 IP40, IP65 with seal: series K1/K2 IP40: series K30…K150
Degree of protection – Conforming to UL 508 and CSA C22-2 No. 14	–	Enclosure type 4, 4X, and 13	Enclosure type 12	Enclosure type 12	Enclosure type 3 (pushbuttons and Emergency stop) and 4 (pilot lights)	Enclosure type 4, 4X, and 13	Enclosure type 4 and 13 (9001K) Enclosure type 4, 4X, and 13 (9001SK) Enclosure type 1, 2, 3, 3R, 4, 4X, 6, 12, and 13 (9001KR18● and 9001SKR18●)	–
Cabling	Tags for 2.8 x 0.5 mm/*0.110 x 0.020 in.* connectors or threaded connector	Faston connectors Solder pins for printed circuit boards *(4)* Fast connector socket *(5)*	Push-in terminal connections Screw clamp terminal connections Faston connectors Connector with adapter for printed circuit board	Cable or connectors	Wireless (transmitter) Through cable (receiver)	Screw and captive clamp terminal connections Faston clip connections (pilot lights)	Screw and captive clamp terminal connections	
Mounting – Panel thickness	1…8 mm/ *0.039…0.315 in.*	1…6 mm/*0.039…0.236 in.*			1…6 mm/*0.039…0.236 in.*				0.5…6 mm/*0.020…0.236 in.* (depending on model)
Type references	**XVLA**	**XB6, XB6E**	**XB4**	**XB5**	**XB5S**	**Harmony Wireless**	**XB7**	**XD4PA**	**XD2GA**	**XD5PA**	**9001K, 9001SK**	**K10, K1, K2, K30, K50, K63, K115, K150**

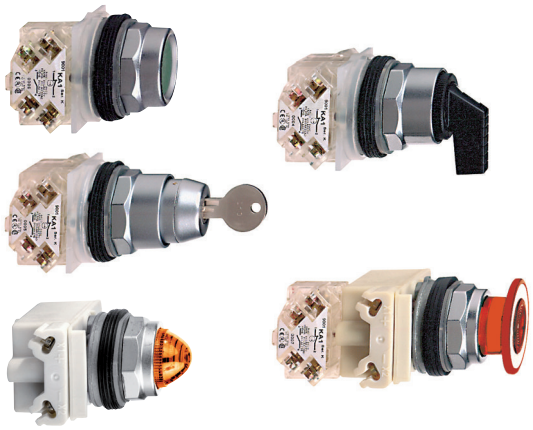
(1) Flush mounted control and signaling units are available for Harmony XB4 and XB5 ranges only.
(2) Compatible with Harmony iPC, STU, OT, GXO, GT (except GT1000 series), GK, GH, and GTO models.
(3) Wireless and batteryless pushbutton and receiver ready-paired at the factory.
(4) For Harmony XB6 only.
(5) For Harmony XB6E only.

More technical information on www.se.com

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, swiches and pilot lights



Harmony 9001K control and signaling offer with chromium plated metal bezel

Harmony 9001SK control and signaling offer with double insulated bezel

Presentation

The 30 mm/*1.18 in.* Harmony® 9001K and 9001SK control and signaling range offers a large choice of robust and reliable products to meet a great number of applications in heavy industries such as:
- □ Petrochemy
- □ Metallurgy
- □ Mining
- □ Oil and Gas
- □ Wastewater treatment
- □ Automobile manufacturing

■ Two family of products are available:
- □ The Harmony 9001K control and signaling units offering good robustness with a chromium plated metal bezel
- □ The Harmony 9001SK control and signaling units, with a double insulated bezel designed for applications requiring a high resistance to corrosion

■ These products are presented in the following pages under two forms:
- □ Complete units
- □ Sub-assemblies for user assembly (body sub-assemblies and head sub-assemblies)

■ The Harmony 9001 range is composed of:
- □ Pushbuttons and switches designed for Start/Stop control of machines and installations, adjustments and parametering (contact functions): Pushbuttons, selector/key switches, mushroom head pushbuttons.
- □ Pilot lights designed for visual signaling (signaling functions)
- □ Illuminated pushbuttons designed for control and signaling (contact functions + signaling functions)

■ The pushbuttons and switch control offer (illuminated and non-illuminated) is both broad and comprehensive:
- □ Flush, projecting, recessed, booted, spring return, push-pull marked or unmarked pushbuttons
- □ Emergency stop trigger action and mechanical latching pushbuttons (conforming to standards EN/IEC 60204-1 and EN/ISO 13850)
- □ Selector swiches with long handle and key switches
- □ Joystick controllers
- □ Wobblesticks
- □ Wide choice of aluminum or plastic legend plates
- □ Wide choice of head colors
- □ Wide choice of accessories and spare parts common to both families

■ The pilot light signaling offer involves:
- □ LED integrated long-life and high luminosity pilot lights (Super Bright LED)
- □ Economic pilot lights with BA 9s incandescent bulbs
- □ A large range of voltages from 12 to 600 V

■ A complementary enclosures offer (enclosures in aluminum, in steel or in plastic) is also available.

Description (9001K): page 10
Description (9001SK): page 12
References (9001K): page 18 and 37
References (9001SK): page 24 and 37

Installation

■ The Harmony 9001 products are simple and quick to install:

□ Block setting by single installer with a single screw contact block,

□ Automatic self-grounding operators without additional wiring,

□ Easy function identification thanks to the colored contact blocks,

□ Clear window for status of contact operation and troubleshooting,

□ Side-by-side and/or stacked mounting of contact blocks to minimize enclosure space requirements.

■ Connection is made through screw clamp terminals (cross headedslotted screw).

Environment

■ Harmony 9001 range meets the most demanding international standards and approvals:
□ EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4, JIS C 4520, and 852

□ EN/IEC 60204-1 and EN/ISO 13850, Machinery Directive 2006/42/EC, EN/IEC 60947-5-5 for Emergency stop mushroom head pushbuttons (if used with Emergency stop legend plates)

□ UL508A, UL 60947-5-1, UL60947-5-5, IEC 60947-5-1, IEC 60947-5-5

□ International certifications: UL, CSA, NOM, RoHS, and GOST

■ Products are originally oil-tight, dust-tight and water-tight. No boot needs to be added. The following degrees of protection may be reached:

	According to IEC 61140	According to NEMA
9001K chromium plated metal bezel	IP66	Type 1, 2, 3, 3R, 4, 12 and 13
9001SK plastic bezel	IP66	Type 1, 2, 3, 3R, 4, 4X, 12 and 13

For more technical information, please consult our site www.schneider-electric.com.

Description (9001K): page 10
Description (9001SK): page 12
References (9001K): page 18 and 37
References (9001SK): page 24 and 37

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches, pilot lights,
and Emergency stop pushbuttons

Environmental specifications

Conforming to standards	CE Marqued		EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-4, JIS C 4520 and 852, UL 508, CSA C22-2 n° 14, CE marked, RoHS compliant
Product certifications	File E78403 CCN NKCR / File LR25490 Class 3211-03		UL File E78403, CCN NKCR and CSA File LR25490, Class 3211-03 ABS (pending)
Protective treatment standard version			"TC"
Ambient air temperature around the device	Storage	**°F (°C)**	-40 to +158 (-40 to +70)
	Operation	**°F (°C)**	-13 to +158 (-25 to +70)
Vibration resistance	Conforming to IEC 60068-2-6		Frequency: 2 to 500 Hz: 7gn Ford Standard EA-1
Shock resistance	Conforming to IEC 60068-2-27		Half sine wave: 50 gn
Electric shock protection	Conforming to IEC 61140		Classe II
Degree of protection	Conforming to EN/IEC 60529		IP66 (complete units) IP65 (pre-assembled Emergency stop pushbuttons)
	Conforming to NEMA		9001K (metal): types 1, 2, 3, 3R, 4, 12, and 13 9001SK (plastic): types 1, 2, 3, 3R, 4, 4X, 12, and 13
Mechanical life (in millions of operating cycles)	Pushbuttons, spring return		5
	Illuminated pushbuttons		5
	Selector switches and key switches		0.5
	Emergency stop pushbuttons		0.3
Mounting position			All positions

Electrical characteristics of contact blocks

Rated operational characteristics	∼ AC-15		3 A, 240 V			
	⎓ DC-13		0.55 A, 125 V			
Rated insulation voltage	Conforming to EN/IEC 60947-1	**V**	Ui = 250 degree of pollution 3 (except pilot lights with incandescent bulb: degree of pollution 2)			
Rated impulse withstand voltage	Conforming to EN/IEC 60947-1	**kV**	Uimp = 2.5			
Contact material	Normal environment and usage		Silver alloy			
Contact operation	"NC" or "NO"		Slow break			
Positive operation	Conforming to EN/IEC 60947-5-1	**N**	N/C contact(s) with positive opening operation			
Short-circuit protection	Conforming to EN/IEC 60947-5-1	**A**	Cartridge fuse mounted upstream: 10			
Cabling capacity for pushbuttons, switches, and pilot light	Conforming to EN/IEC 60947-1	**mm²** **mm²**	Screw clamp terminals (cross headedslotted screw) Mini: 1 x 0.22 Maxi: 2 x 1.5 Recommended tightening torque: 0.8 N.m *(10 in-lbs)*			
Cabling capacity for Emergency stop pushbuttons	Conforming to EN/IEC 60947-1	**mm²** **mm²**	Screw clamp terminals (cross headedslotted screw) Mini. 1x0.34 Maxi: 2 x 1.5 Recommended tightening torque: 1.1 N.m *(9.74 in-lbs)*			
Thermal current	Ith	**A**	10			
Maximum operation current for pushbuttons, switches and pilot lights	a.c. supply: utilization category AC-15 NEMA A600		Contact making capacity			
		V **A** **VA**	120 60 7200	240 30 7200	480 15 7200	600 12 7200
			Breaking capacity			
		V **A** **VA**	120 6 720	240 3 720	480 1.5 720	600 1.2 720
	d.c.supply: utilization category DC-13 NEMA Q600		Contact making capacity and breaking capacity			
		V **A**	125 0.55	250 0.27	600 0.1	
Maximum operation current for Emergency stop pushbuttons	a.c. supply: utilization category AC-15 NEMA A300		Contact making capacity			
		V **A** **VA**	120 60 7200	240 30 7200		
			Breaking capacity			
		V **A** **VA**	120 6 720	240 3 720		
	d.c.supply: utilization category DC-13 NEMA P300		Contact making capacity and breaking capacity			
		V **A**	125 0.55	250 0.27		

Basic operators
(For accessories, see page 28.)

Description	UL Types/NEMA Types - 4, 13
Digital license references	
Non-illuminated Pushbutton (Full Guard)	9001KR1
Non-illuminated Pushbutton (Extended Guard)	9001KR2
Non-illuminated Pushbutton (No Guard)	9001KR3
Non-illuminated Pushbutton (Mushroom Button/screw on)	9001KR20
Non-illuminated Dual Pushbutton (Momentary)	9001KR6
Non-illuminated Dual Pushbutton (Momentary Interlocked)	9001KR67
Non-illuminated Dual Pushbutton (Maintained Interlocked)	9001KR7
Momentary Pull - Maintained Neutral - Momentary Push	9001KR8 *(1) (4)*
Maintained Pull - Maintained Push	9001KR9 *(1) (4)*
Illuminated Pushbutton (Full Guard - Plastic Top)	9001K1L *(2)*
Illuminated Pushbutton and Push-to-test (No Guard)	9001K2L *(2) (3)*
Illuminated Pushbutton (Full Guard - Metal Top)	9001K3L *(2)*
Standard Pilot Light	9001KP
2-Position Selector Switch	9001KS1 *(1)*, 9001KS2 *(1)*, 9001KS3 *(1)*
3-Position Selector Switch	9001KS4 *(1)*, 9001KS5 *(1)*, 9001KS6 *(1)*, 9001KS7 *(1)*
Emergency stop pushbutton	*9001KR18, 9001SKR18, 9001KR18P, 9001SKR18P*

(1) Operator can be converted to an illuminated operator by removing the liner (6509704901) and adding a light module.
(2) Operator can be converted to a non-illuminated operator by adding liner (6509704901).
(3) Operator includes jumper wires for push-to-test conversion.
(4) These operators can be supplied with 1-3/8" or 2-1/4" dia. mushroom buttons.
For 1-3/8" Add •20 to reference number. The • refers to the color chosen.
For 2-1/4": Add •21 to reference number. The • refers to the color chosen. Voids UL and NEMA Type 6 Rating.

Non hazardous locations

File E42259
CCN NKCR

File LR25490
Class 3211 03

Marking

Hazardous locations (reed contact blocks)**:**

File E10054
CCN NOIV

File LR26817
Class 3218 02

Marking

9001K operator materials

Pushbutton and Push-to-test pilot light (9001KR and 9001KT)
Gasket – Nitrile
Seal – Nitrile
Seal Cap – Amorphous Acetal
Decorative Ring – Polyester Film
Compensating Washer – Polypropylene
Lock Ring – Amorphous Nylon
Stem – Thermoplastic Polyester
Base Cap – Thermoplastic Polyester
Knob – Polycarbonate
Liner – Polypropylene
Hold Down Spring for 9001K-15 – Neoprene
Operator Base – Zinc
Operator Base (9001KR8) – Polyester

9001K operator materials *(continued)*

Pushbutton and Push-to-test pilot light (9001KR and 9001KT) *(continued)*

Return Spring – Music Wire or Stainless Steel (9001KT only)
Ring Nuts – Aluminum or Zinc
Springkeeper – Steel
Locking Thrust Washer – Zinc
Color Insert – Polyethylene
Boots – Silicone

Selector switch (9001KS)

Gasket – Nitrile
Seal – Nitrile
Bearing Washer – Polyester Film
Compensating Washer – Polypropylene
Cam Follower – Delrin 100
Liner – Polypropylene
Knob – Polycarbonate
Cam Carrier – Amorphous Nylon
Cam Rotor – Celenex 3300
Cam Profile– Delrin 100
Operator Base – Zinc
Detent Spring – Stainless Steel
Ring Nuts – Aluminum or Zinc
Seal keeper – Stainless Steel
Locking Thrust Washer – Zinc

Pilot light (9001KP)

Gasket – Nitrile
Compensating Washer – Polypropylene
Lens – Glass or Polycarbonate
Light Module Housing – Thermoplastic Polyester
Operator Base – Zinc
Glass Lens Ring – Anodized Aluminum

Contact block and light module materials

Contact block (9001KA)

Housing – Amorphous Nylon
Contact Slider – Phenolic, Nylon or Acetal
Terminal – Steel
Saddle Clamp – Steel
Spring – Stainless Steel
Contacts – Silver and Copper
Blade – Beryllium Copper
Mounting Screw – Steel
Label – Paper

Light module (9001KM)

Housing – Thermoplastic Polyester
Socket – Steel
Terminal – Steel with Tin Plate
Saddle Clamp – Steel
Translating Pin – Polycarbonate
Transformer – Thermoplastic Polyester, Steel, Copper, Polyvinyl Chloride, Polytetrafluorethylene, Acetate, Paper
Lamp Spring – Tin Plated Music Wire

Control and signaling units Ø 30

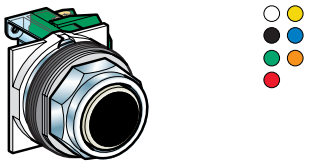
Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights
with chromium plated metal bezel
Complete or pre-assembled units 9001K

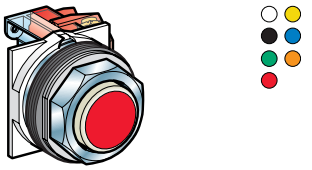
Complete or pre-assembled units

Contact functions

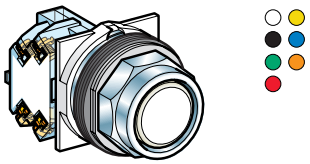
Pushbuttons, spring return



Flush push
9001KR1●●● see page 19

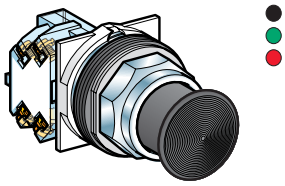


Projecting push
9001KR3●●● see page 19

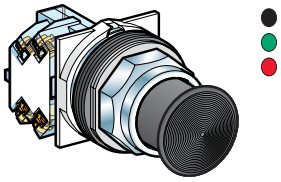


Recessed push (high guard)
9001KR2●●● see page 19

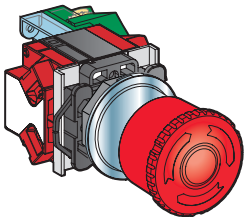
Mushroom head pushbuttons



Spring return Ø 35/*1.38 in.*, Ø 40/*1.58 in.*, Ø 57/*2.24 in.*, or Ø 60/*2.36 in.*
9001KR2●●H13 see page 19

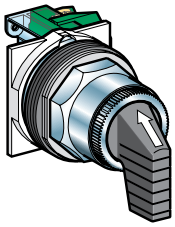


Latching Ø 35/*1.38 in.*, Ø 40/*1.58 in.*, Ø 41/*1.61 in.*, Ø 57/*2.24 in.*, or Ø 60/*2.36 in.*
9001KR●●● see page 19

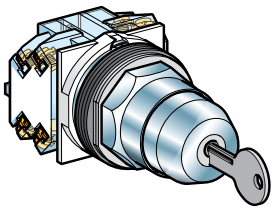


Turn to release, trigger action *(pre-assembled)*
9001KR18 + 9001KES18RES●
see page 37

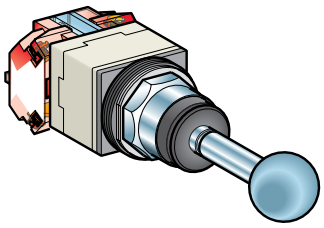
Selector switches, key switches and joystick controllers



Selector switches, long black handle
9001KS●●FBH●● see page 20

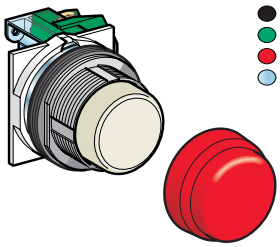


Key switches
9001KS●●K●●● see page 20

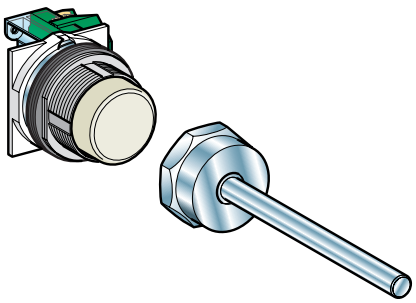


Joystick controllers
9001K●●H● see page 22

Booted pushbuttons and wobblestick (with accessories)



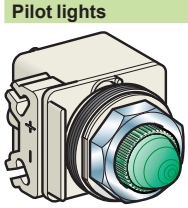
Booted pushbuttons
9001KR●●● + 9001KU● see pages 18 and 28



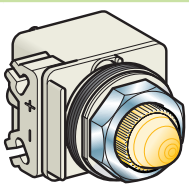
Wobblestick
9001KR●●● see pages 18 and 28

Light functions

Pilot lights



BA 9s base mounted super bright LED
9001KP●●● see page 21



BA 9s incandescent bulb
9001KP●●● see page 21

Presentation:
page 4

References:
page 18

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

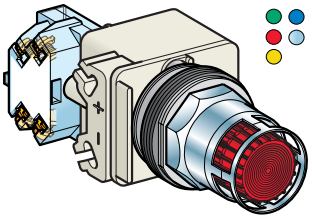
Pushbuttons, switches and pilot lights with chromium plated metal bezel

Complete or pre-assembled units 9001K

Complete or pre-assembled units

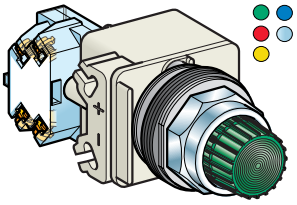
Combined contact and light functions

Illuminated pushbuttons, spring return



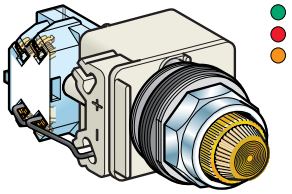
Flush push, super bright LED

9001K●L●●● see page 21



Projecting push

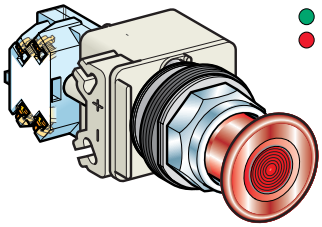
9001K2L●●● see page 22



"Push to test", projecting push, super bright LED

9001KT●●●31 see page 23

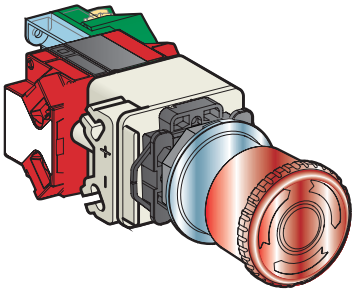
Ø 41/*1.61 in.* mushroom head illuminated pushbuttons, super bright LED



2-position, push-pull

9001KR9B●●● see page 19

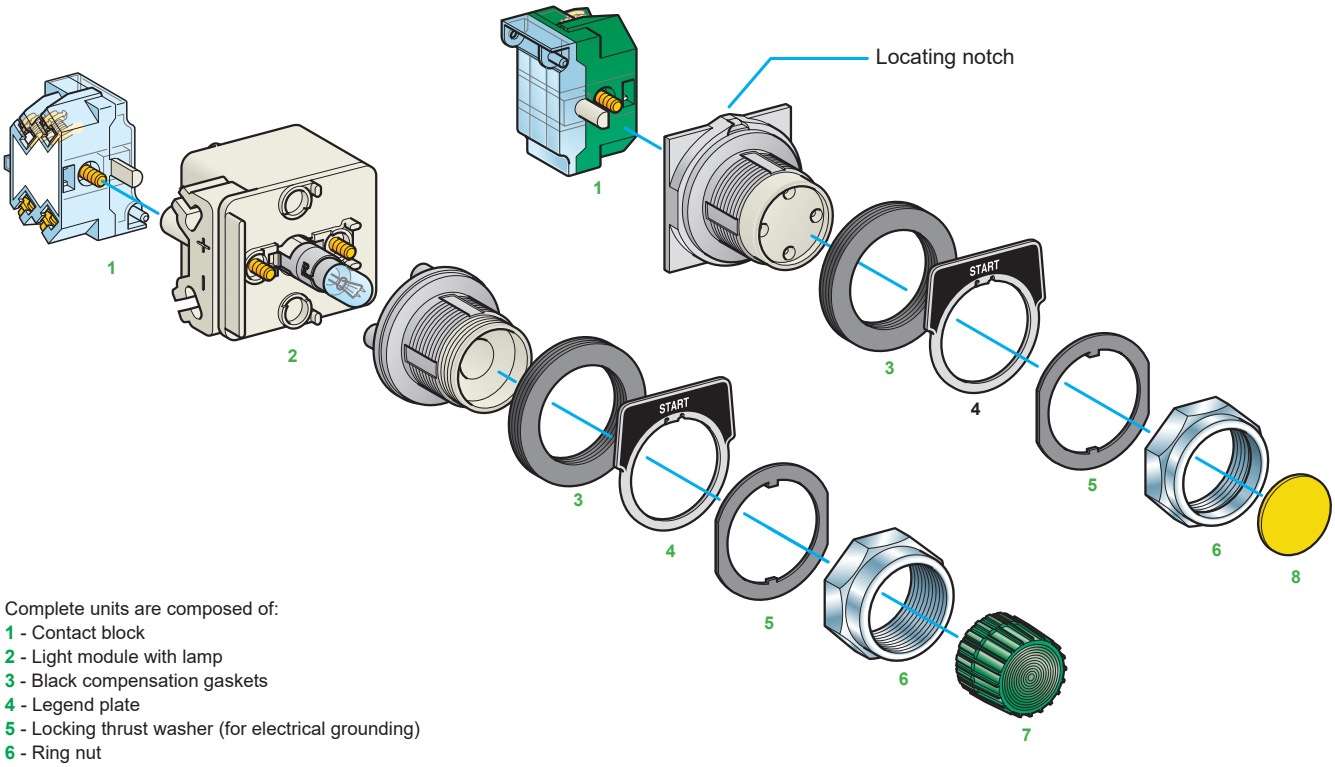
Ø 43.5/*1.71 in.* illuminated Emergency stop pushbuttons, super bright LED *(pre-assembled)*



Turn to release, trigger action (pre-assembled)

9001KR18P + 9001KES18P3●LRRES● see page 38

Separate components and accessories



Complete units are composed of:

1 - Contact block
2 - Light module with lamp
3 - Black compensation gaskets
4 - Legend plate
5 - Locking thrust washer (for electrical grounding)
6 - Ring nut
7 - Color cap
8 - Color insert

Presentation: page 4

References: page 18

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

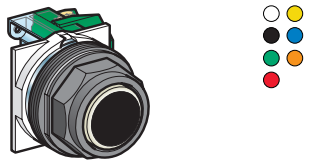
Pushbuttons, switches and pilot lights with double insulated bezel

Complete or pre-assembled units 9001SK

Complete or pre-assembled units

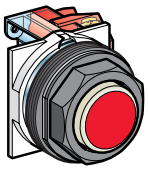
Contact functions

Pushbuttons, spring return



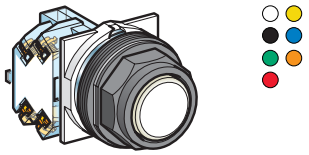
Flush push

9001SKR1●●● see page 25



Projecting push

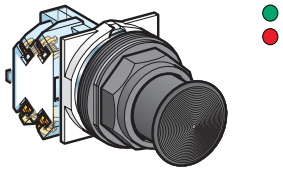
9001SKR3RH6 see page 25



Recessed push (high guard)

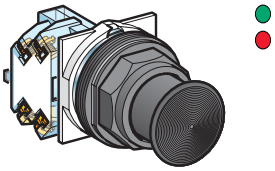
9001SKR2●●● see page 25

Mushroom head pushbuttons



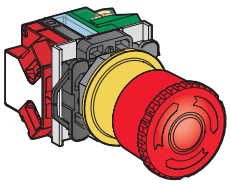
Spring return Ø 35/*1.38 in.*, or Ø 57/*2.24 in.*

9001SKR2●●H13 see page 24



Latching Ø 35/*1.38 in.*, Ø 41/*1.61 in.*, or Ø 57/*2.24 in.*

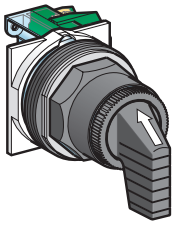
9001SKR●●● see page 24



Turn to release, trigger action (*pre-assembled*)

9001SKR18 + 9001KES18RES● see page 37

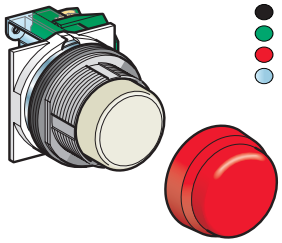
Selector switches



Selector switches, long black handle

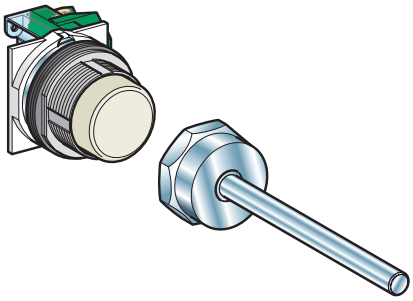
9001SKS●●FB●● see page 26

Booted pushbuttons and wobblestick (with accessories)



Booted pushbuttons

9001SKR●●● + 9001KU● see pages 28 and 24

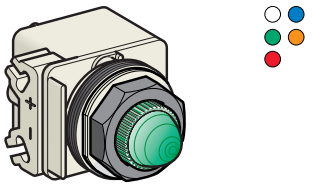


Wobblestick

9001SKR●●● see pages 28 and 24

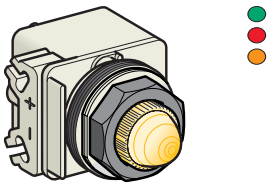
Light functions

Pilot lights



BA 9s base mounted super bright LED

9001SKP●●● see page 26



BA 9s incandescent bulb

9001SKP●●● see page 26

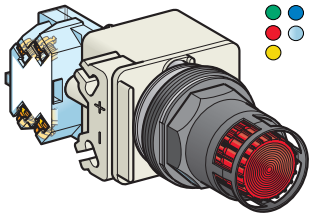
Presentation: page 4

References: page 24

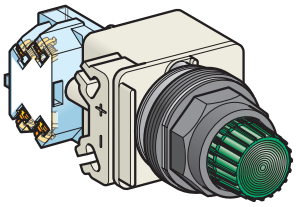
Complete or pre-assembled units

Combined contact and light functions

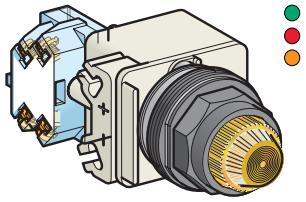
Illuminated pushbuttons, spring return



Flush push
9001SK1L●●● see page 26

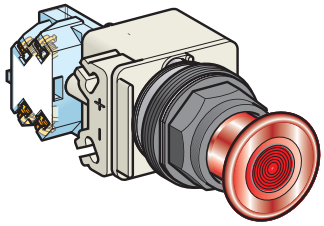


Projecting push
9001SK2L35LGG see page 27



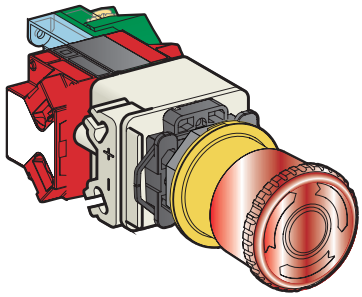
"Push to test", projecting push
9001SKT●●●31 see page 27

Ø 41/*1.61 in.* mushroom head illuminated pushbuttons



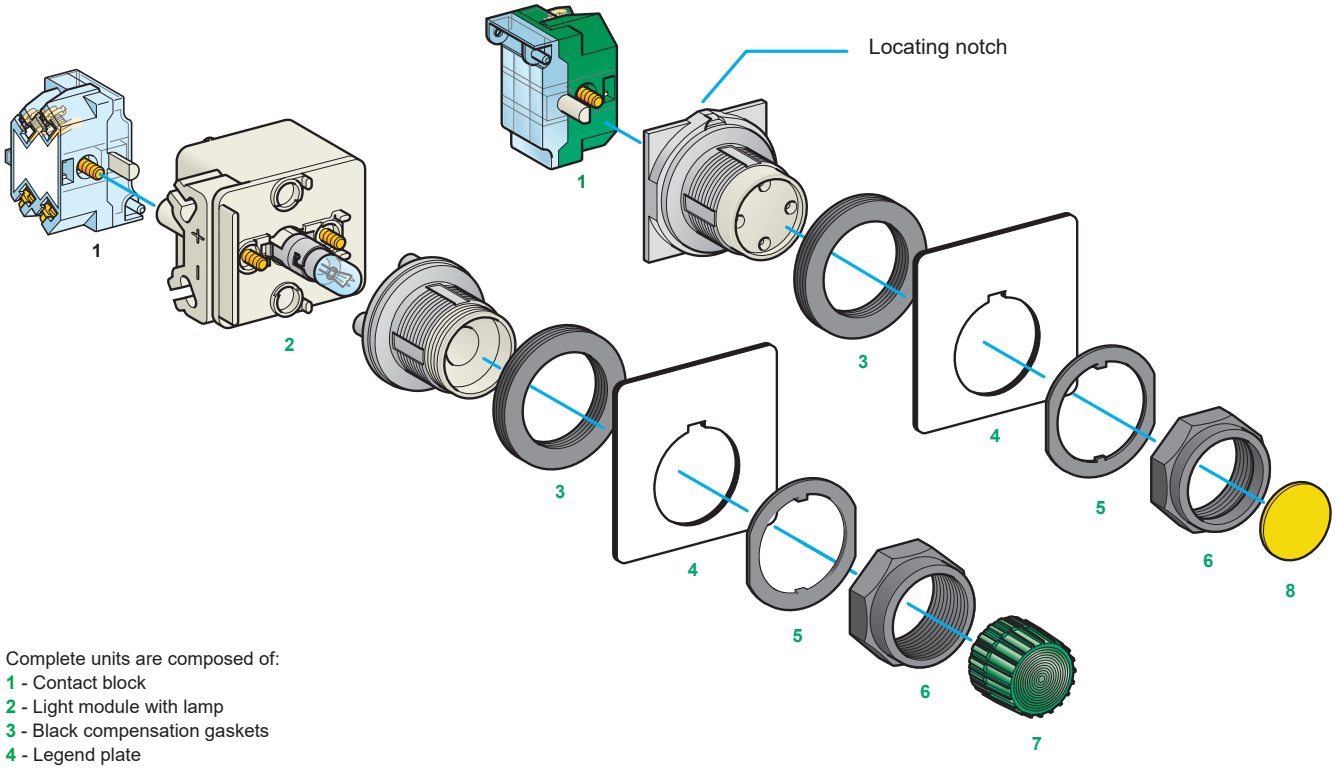
2-position, stay put
9001SKR9P3●LRR see page 27

Ø 43.5/*1.71 in.* illuminated Emergency stop pushbuttons *(pre-assembled)*



Turn to release
9001SKR18P + 9001KES18P3●LRRES● see page 38

Separate components and accessories



Complete units are composed of:
1 - Contact block
2 - Light module with lamp
3 - Black compensation gaskets
4 - Legend plate
5 - Locking thrust washer (for electrical grounding)
6 - Ring nut
7 - Color cap
8 - Color insert

Presentation:
page 4

References:
page 24

Control and signaling units Ø 30

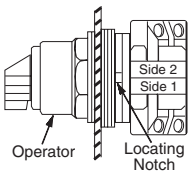
Harmony 9001K & 9001SK range

Emergency stop pushbuttons with chromium plated metal bazel or double insulated bezel

Selector switches

2-Position Selector Switches

Contact Block Required

Contact Block Position	Quantity and Type KA1 or KA2 or KA3	Mount on Side KA1 or KA2 or KA3	1 — Contact Closed ↖ Left	1 — Contact Closed ↗ Right	0 — Contact Open ↖ Left	0 — Contact Open ↗ Right
 Top View	KA1 or KA3	KA1 #2 or KA3 #2	1	0	0	1
	KA2	KA2 #2	0	1	1	0
	KA1 or KA3	KA1 #1 or KA3 #1	1	0	0	1
	KA2	KA2 #1	0	1	1	0
Cam			**E**		**D**	

Non-Illuminated Operators

Manual Return *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob	**9001KS11**	**9001KS12**
With Knob (select style and color from table below)	**9001KS11**	**9001KS12**
Key Operated with E10 Key (Code1,2,3)	**9001KS11K**	**9001KS12K**
Operator with Contact Blocks and Standard black knob	**Reference**	**Reference**
With 1 KA1 on Side #2	**9001KS11BH13**	**–**
With 1 KA1 on Side #1	**9001KS11BH1**	**–**
With 1 KA1 on Side #1 and 1 KA1 on side #2	**9001KS11BH2**	**–**
Spring Return from Left *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob	**9001KS25**	**–**
With Knob (select style and color from table below)	**9001KS25**	**–**
Key Operated with E10 Key (Code 2 only) *(4)*	**9001KS25K2★**	**–**
Spring Return from Right *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob	**–**	**9001KS34**
With Knob (select style and color from table below)	**–**	**9001KS34**
Key Operated with E10 Key (Code 1 only)	**–**	**9001KS34K1**

Illuminated Operators

Manual Return *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob, 110-120V 50-60 Hz Transformer	**9001K11J1**	**9001K12J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**9001K11J1R**	**9001K12J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**9001K11J■♦**	**9001K12J■♦**
Spring Return from Left *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob, 110-120V 50-60 Hz Transformer	**9001K25J1**	**–**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**9001K25J1R**	**–**
With Other Color Knob and other voltage Light Module *(2) (3)*	**9001K25J■♦**	**–**
Spring Return from Right *(1)*, Operator Only (without contact blocks)	**Reference**	**Reference**
Without Knob, 110-120V 50-60 Hz Transformer	**–**	**9001K34J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**–**	**9001K34J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**–**	**9001K34J■♦**

(1) These operators can be ordered complete with contact blocks. Add the "H code" as needed for your application.
(2) Replace ■ with the voltage assembly code.
(3) Replace ♦ with the knob color code as chosen from the table below. For LED, knob color must match LED.
(4) Replace ★ with the key withdrawal code from the table below right.

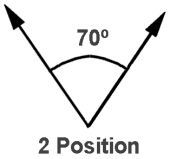
Selector Switch Assembly Code and Knob Cat. No.

Color	Standard Knob ♦ Knob Code	Standard Knob Reference	Gloved Hand Knob ♦ Knob Code	Gloved Hand Knob Reference
Black	B	**B11**	FB	**B25**
Red	R	**R8**	FR	**R24**
Green	G	**G8**	FG	**G24**
Yellow	Y	**Y8**	FY	**Y24**
Blue	L	**L8**	FL	**L24**
White	W	**W8**	FW	**W24**
Amber	A	**A8**	FA	**A24**
Clear	C	**C8**	FC	**C24**

To select and order accessories, see page 28.

Key Withdrawal Codes

★ Code	Position
1	Left Only
2	Right Only
3	Left and Right



2 Position

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

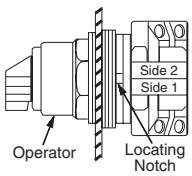
Emergency stop pushbuttons with chromium plated metal bezel or double insulated bezel

Selector switches

3-Position Selector Switches

Contact Block Required

Contact Block Position



Top View

Quantity and Type / **Mount on Side**

1 — Contact Closed 0 — Contact Open

Quantity and Type	Mount on Side	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right	Center Left	Center Right
KA1 or KA3	KA1 or KA3 #2	1	0	1	0	0	1	1	0	1	0	1	0	0	1	0	0
KA2	KA2 #2	0	1	0	1	0	1	0	1	0	1	0	1	1	0	0	1
KA1 or KA3	KA1 or KA3 #1	0	1	0	0	1	0	0	1	0	1	0	1	0	1	1	0
KA2	KA2 #1	1	0	1	0	0	1	0	1	0	1	0	0	1	0	0	1
Cam		**B**		**C**		**D**		**E**		**F**		**G**		**J**		**L**		**M**	

Non-Illuminated Operators. *When ordering, add prefix "9001" to the reference*

Manual Return, Operator Only (without contact blocks) ***(1)***								
Without Knob	**KS42**	**KS43**	**KS44**	**KS45**	**KS46**	**KS47**	**KS49**	**KS401**	**KS402**
With Knob *(3)*	**KS42♦**	**KS43♦**	**KS44♦**	**KS45♦**	**KS46♦**	**KS47♦**	**KS49♦**	**KS401♦**	**KS402♦**
Key Operated with E10 Key (Code 4 through 10) *(5)*	**KS42K●**	**KS43K●**	**KS44K●**	**KS45K●**	**KS46K●**	**KS47K●**	**KS49K●**	**KS401K●**	**KS402K●**
Operator with Contact Blocks and Standard black knob *(4)*								
With 1 KA1 on Side #2 (H13)	**KS42BH13**	**KS43BH13**	**KS44BH13**	**KS45BH13**	**KS46BH13**	**KS47BH13**	**KS49BH13**	**KS401BH13**	**KS402BH13**
With 1 KA1 on Side #1 (H1)	**KS42BH1**	**KS43BH1**	**KS44BH1**	**KS45BH1**	**KS46BH1**	**KS47BH1**	**KS49BH1**	**KS401BH1**	**KS402BH1**
With 1 KA1 on Side #1 and 1 KA1 on side #2 (H2)	**KS42BH2**	**KS43BH2**	**KS44BH2**	**KS45BH2**	**KS46BH2**	**KS47BH2**	**KS49BH2**	**KS401BH2**	**KS402BH2**
Spring Return from Left to Center, Operator Only (without contact blocks) *(1)*								
Without Knob	**KS62**	**KS63**	**KS64**	**KS65**	**KS66**	**KS67**	**KS69**	**KS601**	**KS602**
With Knob *(3)*	**KS62♦**	**KS63♦**	**KS64♦**	**KS65♦**	**KS66♦**	**KS67♦**	**KS69♦**	**KS601♦**	**KS602♦**
Key Operated with E10 Key (Code 5, 6 or 9 only) *(5)*	**KS62K●**	**KS63K●**	**KS64K●**	**KS65K●**	**KS66K●**	**KS67K●**	**KS69K●**	**KS601K●**	**KS602K●**
Spring Return from Right to Center, Operator Only (without contact blocks) *(1)*								
Without Knob	**KS72**	**KS73**	**KS74**	**KS75**	**KS76**	**KS77**	**KS79**	**KS701**	**KS702**
With Knob *(3)*	**KS72♦**	**KS73♦**	**KS74♦**	**KS75♦**	**KS76♦**	**KS77♦**	**KS79♦**	**KS701♦**	**KS702♦**
Key Operated with E10 Key (Code 4, 5 or 7 only) *(5)*	**KS72K●**	**KS73K●**	**KS74K●**	**KS75K●**	**KS76K●**	**KS77K●**	**KS79K●**	**KS701K●**	**KS702K●**
Spring Return from Both Sides to Center, Operator Only (without contact blocks) *(1)*								
Without Knob	**KS52**	**KS53**	**KS54**	**KS55**	**KS56**	**KS57**	**KS59**	**KS501**	**KS502**
With Knob *(3)*	**KS52♦**	**KS53♦**	**KS54♦**	**KS55♦**	**KS56♦**	**KS57♦**	**KS59♦**	**KS501♦**	**KS502♦**
Key Operated with E10 Key (Code 4, 5 or 7 only) *(5)*	**KS52K●**	**KS53K●**	**KS54K●**	**KS55K●**	**KS56K●**	**KS57K●**	**KS59K●**	**KS501K●**	**KS502K●**

Illuminated Operators

Manual Return, Operator Only (without contact blocks) *(1)*								
Without Knob, 110-120V 50-60 Hz Transformer	**K42J1**	**K43J1**	**K44J1**	**K45J1**	**K46J1**	**K47J1**	**K49J1**	**K401J1**	**K402J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**K42J1R**	**K43J1R**	**K44J1R**	**K45J1R**	**K46J1R**	**K47J1R**	**K49J1R**	**K401J1R**	**K402J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**K42J■♦**	**K42J■♦**	**K44J■♦**	**K45J■♦**	**K46J■♦**	**K47J■♦**	**K49J■♦**	**K401J■♦**	**K402J■♦**
Spring Return from Left to Center, Operator Only (without contact blocks) ***(1)***								
Without Knob, 110-120V 50-60 Hz Transformer	**K62J1**	**K63J1**	**K64J1**	**K65J1**	**K66J1**	**K67J1**	**K69J1**	**K601J1**	**K602J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**K62J1R**	**K63J1R**	**K64J1R**	**K65J1R**	**K66J1R**	**K67J1R**	**K69J1R**	**K601J1R**	**K602J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**K62J■♦**	**K62J■●**	**K64J■♦**	**K65J■♦**	**K66J■♦**	**K67J■♦**	**K69J■♦**	**K601J■♦**	**K602J■♦**
Spring Return from Right to Center, Operator Only (without contact blocks) ***(1)***								
Without Knob, 110-120V 50-60 Hz Transformer	**K72J1**	**K73J1**	**K74J1**	**K75J1**	**K76J1**	**K77J1**	**K79J1**	**K701J1**	**K702J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**K72J1R**	**K73J1R**	**K74J1R**	**K75J1R**	**K76J1R**	**K77J1R**	**K79J1R**	**K701J1R**	**K702J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**K72J■♦**	**K72J■♦**	**K74J■♦**	**K75J■♦**	**K76J■♦**	**K77J■♦**	**K79J■♦**	**K701J■♦**	**K702J■♦**
Spring Return from Both Sides to Center, Operator Only (without contact blocks) *(1)*								
Without Knob, 110-120V 50-60 Hz Transformer	**K52J1**	**K53J1**	**K54J1**	**K55J1**	**K56J1**	**K57J1**	**K59J1**	**K501J1**	**K502J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**K52J1R**	**K53J1R**	**K54J1R**	**K55J1R**	**K56J1R**	**K57J1R**	**K59J1R**	**K501J1R**	**K502J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**K52J■♦**	**K53J♦**	**K54J■♦**	**K55J■♦**	**K56J■♦**	**K57J■♦**	**K59J■♦**	**K501J■♦**	**K502J■♦**

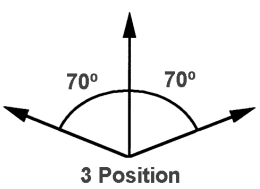
(1) These operators can be ordered complete with contact blocks. Add the "H code" fas needed for your application.
(2) Replace ■ with the voltage assembly code.
(3) Replace ♦ with the knob color code as chosen from the table below. For LED, knob color must match LED.
(4) For other color knobs replace the ***B*** *with knob color code from table below.*
(5) Replace ● with the key withdrawal code from table below right. Example: KS43K● with key withdrawal in the right position only = KS43K6.

Selector Switch Assembly Code and Knob Cat. No.

Color	Standard Knob ♦ Knob Code	Standard Knob Reference	Gloved Hand Knob ♦ Knob Code	Gloved Hand Knob Reference
Black	B	**B11**	FB	**B25**
Red	R	**R8**	FR	**R24**
Green	G	**G8**	FG	**G24**
Yellow	Y	**Y8**	FY	**Y24**
Blue	L	**L8**	FL	**L24**
White	W	**W8**	FW	**W24**
Amber	A	**A8**	FA	**A24**
Clear	C	**C8**	FC	**C24**

Key Withdrawal Codes

● Code	Position
4	Left Only
5	Center Only
6	Right Only
7	Left and Center
8	Left and Right
9	Center and Right
10	Left, Center, and Right



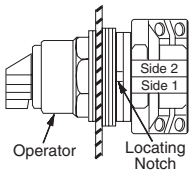
Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Emergency stop pushbuttons with chromium plated metal bazel or double insulated bezel

Selector switches

4-Position Selector Switches

Contact Block Required					1 — Contact Closed 0 — Contact Open
Contact Block Position	**Quantity and Type KA1 or KA2 or KA3**		**Mount on Side KA1 or KA2 or KA3**		
 **Top View**	KA1 or KA3		KA1 #2 or KA3 #2		1 0 0 0
		KA2		KA2 #2	0 0 1 0
	KA1 or KA3		KA1 #1 or KA3 #1		0 0 0 1
		KA2		KA2 #1	0 1 0 0

Cam	H

Non-Illuminated Operators

Manual Return *(1)*, Operator Only (without contact blocks)	Reference
Without Knob	**9001KS88**
With Knob *(3)*	**9001KS88♦**
Key Operated with E10 Key (Codes 11, 12, 13, 14, 15) *(4)*	**9001KS88K★**

Illuminated Operators

Manual Return *(1)*, Operator Only (without contact blocks)	Reference
Without Knob, 110-120V 50-60 Hz Transformer	**9001KS88J1**
With Standard Red Knob, 110-120V 50-60 Hz Transformer	**9001KS88J1R**
With Other Color Knob and other voltage Light Module *(2) (3)*	**9001KS88J■♦**

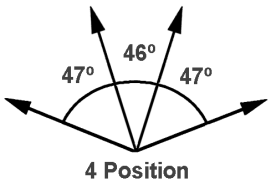
(1) These operators can be ordered complete with contact blocks. Add the "H code" as needed for your application.
(2) Replace ■ with the voltage assembly code.
(3) Replace ♦ with the knob color code as chosen from the table below. For LED, knob color must match LED.
(4) Replace ★ with the key withdrawal code from the table below right.

Selector Switch Assembly Code and Knob Cat. No.

Color	Standard Knob		Gloved Hand Knob	
	♦ Knob Code	Reference	♦ Knob Code	Reference
Black	B	**B11**	FB	**B25**
Red	R	**R8**	FR	**R24**
Green	G	**G8**	FG	**G24**
Yellow	Y	**Y8**	FY	**Y24**
Blue	L	**L8**	FL	**L24**
White	W	**W8**	FW	**W24**
Amber	A	**A8**	FA	**A24**
Clear	C	**C8**	FC	**C24**

Key Withdrawal Codes

★ Code	Position
11	**1 and 4**
12	**4 only**
13	**1 only**
14	**1, 2, 3, and 4**
15	**2, 3, and 4**



Potentiometers with Dial Plate (not UL listed). Maximum Voltage 300 V ∼

Power	Ratings	Description	Reference
2 W	NEMA 4, 13	Operator Only, for Single Potentiometer	9001K20
		Operator with Single Potentiometer	9001K210●
		Operator Only, for Tandem Potentiometer	9001K22

Potentiometer suffixes

Single Potentiometer

Suffix *(1)*	Resistance	Suffix *(1)*	Resistance
01	50 Ω	07	5 kΩ
02	100 Ω	08	10 kΩ
04	500 Ω	09	25 kΩ
05	1 kΩ	13	500 kΩ
39	2 kΩ	37	750 kΩ
06	2.5 kΩ	14	1 MΩ

Tandem Potentiometer

Suffix *(1)*	Resistance	
	Front	Rear
82	1 kΩ	1 kΩ

(1) For the complete reference, add the suffix from Suffix column to the reference from Reference column in "Potentiometer with Dial Plate" table above. Example: 9001K2105.

Any potentiometer with a shaft 7/8" long and 1/4" diameter may be used with these operators. To select and order accessories, see page 28.

Harmony 9001K
Metal range

Schneider Electric

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with chromium plated metal bezel

Complete units 9001K, with screw clamp terminals

9001K_CP19046

9001KR1GH5

9001KR3UH5_9001KR3UH13

9001KR1UH5

9001K_634_CPODA2016160

9001KR2UH13

9001K_634_CPODA2016001

9001KR25BH13

Pushbuttons, spring return

Shape of head	Type of push	Type of contact NO	NC	CO	Color	Reference	Weight kg/*lb*
	Flush	1	–	–	Black	**9001KR1BH5**	0.121/*0.267*
					Green	**9001KR1GH5**	0.121/*0.267*
		–	–	1	Black	**9001KR1BH13**	0.121/*0.267*
					Green	**9001KR1GH13**	0.121/*0.267*
					Red	**9001KR1RH13**	0.121/*0.267*
					Multi-color	**9001KR1UH13** *(1)*	0.121/*0.267*
		1	–	–	Multi-color	**9001KR1UH5** *(1)*	0.121/*0.267*
	Projecting	–	1	–	Red	**9001KR3RH6**	0.128/*0.282*
		–	–	1	Multi-color	**9001KR3UH13** *(1)*	0.128/*0.282*
		1	–	–	Multi-color	**9001KR3UH5** *(1)*	0.128/*0.282*
	Recessed (high guard)	1	–	–	Green	**9001KR2GH5**	0.136/*0.300*
		–	–	1	Multi-color	**9001KR2UH13** *(1)*	0.136/*0.300*
		1	–	–	Multi-color	**9001KR2UH5** *(1)*	0.136/*0.300*

Mushroom head pushbuttons

Shape of head	Type of push	Diameter mm/*in.*	Type of contact NO	NC	CO	Color	Head material	Reference	Weight kg/*lb*
	Spring return	**Ø 35/*1.38*** Screw-in with set screw security	–	–	1	Black	Plastic	**9001KR24BH13**	0.126/*0.278*
		Ø 40/*1.58* Screw-in with set screw security *(2)*	–	–	–	Black	Metal	**9001KR24BM**	0.141/*0.311*
		Ø 57/*2.24* Screw-in with set screw security	–	–	1	Black	Plastic	**9001KR25BH13**	0.132/*0.291*
		Ø 60/*2.36* Screw-in with set screw security *(2)*	–	–	–	Black	Metal	**9001KR25BM**	0.150/*0.331*
			–	–	–	Green	Metal	**9001KR25GM**	0.150/*0.331*
	3 positions: Push-pull (maintained center position)	**Ø 41/*1.61***	–	2	–	Black	Plastic	**9001KR8BH25**	0.195/*0.430*
	2 maintained positions: Push-pull	**Ø 40/*1.58*** Screw-in with set screw security *(2)*	–	–	–	Black	Metal	**9001KR9BM94**	0.141/*0.311*
		Ø 41/*1.61* Screw-in with set screw security	–	–	1	Black	Plastic	**9001KR9BH13**	0.141/*0.311*

(1) Supplied with 7 different colored caps: black, green, red, yellow, blue, white and orange, ready for clipping-in.

(2) Supplied without contact block. To order contact blocks, see page 28.

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with chromium plated metal bezel

Complete units 9001K, with screw clamp terminals

9001KS43FB

9001KS11K1R

Selector switches and key switches (For information on contact actuation sequence, please refer to our site www.se.com)

Shape of head	Mount on side	Contact block (order seperately)	Contact status 1 - closed 0 - open	Number and type of positions	Reference	Weight kg/*lb*
Long handle, black	1 or 2	9001KA2	0 1	2 stay put	**9001KS11FB**	0.172/*0.379*
	1	9001KA1	1 0 / 0 0 / 0 1	3 stay put	**9001KS43FB**	0.172/*0.379*
	1 or 2	9001KA1	0 0 / 0 1 / 1 0	3 stay put	**9001KS46FB**	0.172/*0.379*
	1 or 2	9001KA1	1 0 / 0 0 / 0 1	3 spring return from left to center	**9001KS63FB**	0.172/*0.379*
	1 or 2	9001KA1	1 0 / 0 0 / 0 1	3 spring return to center	**9001KS53FB**	0.172/*0.379*
	Side 2	9001KA1	1 0 / 0 0 / 0 1 / 0 0	4 stay put	**9001KS88FB**	0.172/*0.379*
	Side 1	9001KA1	0 0 / 0 1 / 0 0 / 1 0			
Key 455	1 or 2	9001KA2	0 1	2 stay put	**9001KS11K1R**	0.207/*0.456*
	1 or 2	9001KA1	0 1 / 1 0	2 stay put	**9001KS11K1R**	0.207/*0.456*
	1 or 2	9001KA1	0 1 / 1 0	2 stay put	**9001KS11K3R**	0.207/*0.456*
	1 or 2	9001KA1	1 0 / 0 0 / 0 1	3 stay put	**9001KS43K5R**	0.234/*0.516*
Key (E10)		*For E 10 key, remove R from reference.*		*Ex: 9001KS11K1R: Key 455 9001KS11K1: E10 key*		

Note : *Other contact configurations are available. Please contact our Customer Care Centre.*

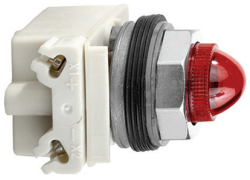
Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with chromium plated metal bezel

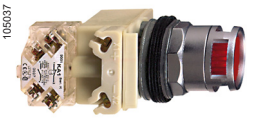
Complete units 9001K, with screw clamp terminals

9001KP35LLL9



9001KP38R9

9001KP1G9



9001K3L35LRRH13

9001K1L35LGGH13

Pilot lights with BA 9s base mounted (super bright LED, included)

Shape of head	Supply voltage V	Color	Reference	Weight kg/*lb*
	24 ≂	Green	9001KP35LGG9	0.134/*0.295*
		Red	9001KP35LRR9	0.134/*0.295*
		Amber	9001KP35LYA9	0.134/*0.295*
		Blue	9001KP35LLL9	0.134/*0.295*
		White	9001KP35LWW9	0.134/*0.295*
	120 ≂	Green	9001KP38LGG9	0.134/*0.295*
		Red	9001KP38LRR9	0.134/*0.295*
		Amber	9001KP38LYA9	0.134/*0.295*
		Blue	9001KP38LLL9	0.134/*0.295*
		White	9001KP38LWW9	0.134/*0.295*

Pilot lights with BA 9s, incandescent bulb (bulb included)

Shape of head	Supply	Supply voltage V	Color	Reference	Weight kg/*lb*
	Direct supply for BA 9s bulb (included)	24 ≂	Green	9001KP35G9	0.134/*0.295*
			Red	9001KP35R9	0.134/*0.295*
			Blue	9001KP35L9	0.134/*0.295*
		120 ≂	Green	9001KP38G9	0.134/*0.295*
			Red	9001KP38R9	0.134/*0.295*
	Via integral transformer for BA 9s 6 V bulb (included)	120 ∿	Green	9001KP1G9	0.210/*0.463*
			Red	9001KP1R9	0.210/*0.463*
		230 ∿	Green	9001KP7G9	0.210/*0.463*
			Red	9001KP7R9	0.210/*0.463*
			Amber	9001KP7A9	0.210/*0.463*

Illuminated pushbuttons, spring return, push-push (super bright LED, included)

Shape of head	Description supply	Type of contact CO	Supply voltage V	Color	Reference	Weight kg/*lb*
Extended metallic guard						
	BA 9s base mounted LED (included)	1	24 ≂	Red	9001K3L35LRRH13	0.175/*0.386*
				Green	9001K3L35LGGH13	0.175/*0.386*
				Amber	9001K3L35LYAH13	0.175/*0.386*
			120 ≂	Red	9001K3L38LRRH13	0.175/*0.386*
				Green	9001K3L38LGGH13	0.175/*0.386*
				Amber	9001K3L38LYAH13	0.175/*0.386*
	Direct supply for BA 9s incandescent bulb (included)	1	24 ≂	Red	9001K3L35RH13	0.175/*0.386*
				Green	9001K3L35GH13	0.175/*0.386*
		1	120 ≂	Green	9001K3L38GH13	0.175/*0.386*
	Via integral transformer for BA 9s 6 V incandescent bulb (included)	1	120 ∿	Red	9001K3L1RH13	0.250/*0.551*
				Green	9001K3L1GH13	0.250/*0.551*
			230 ≂	Green	9001K3L7GH13	0.250/*0.551*
Full guard in plastic						
	BA 9s base mounted (included)	1	24 ≂	Green	9001K1L35LGGH13	0.166/*0.366*
		1	120 ≂	Red	9001K1L38LRRH13	0.166/*0.366*
				Green	9001K1L38LGGH13	0.166/*0.366*

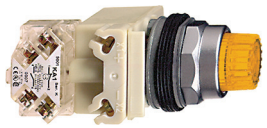
Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with chromium plated metal bezel

Complete units 9001K, with screw clamp terminals

105039



9001K2L38LYAH13

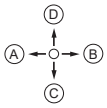
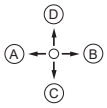
Illuminated pushbuttons, spring return, projecting push

Shape of head	Type of contact			Supply voltage V	Color	Reference	Weight kg/*lb*
	NO late break	NC	CO				
BA 9s base mounted LED (included)							
	–	–	1	24 ≂	Red	9001K2L35LRRH13	0.166/*0.366*
					Green	9001K2L35LGGH13	0.166/*0.366*
					Amber	9001K2L35LYAH13	0.166/*0.366*
	–	–	1	120 ≂	Red	9001K2L38LRRH13	0.166/*0.366*
					Green	9001K2L38LGGH13	0.166/*0.366*
					Amber	9001K2L38LYAH13	0.166/*0.366*
Direct supply for BA 9s incandescent bulb (included)							
	–	–	1	24 ≂	Red	9001K2L35RH13	0.166/*0.366*
					Green	9001K2L35GH13	0.166/*0.366*
					Blue	9001K2L35LH13	0.166/*0.366*
	–	–	1	120 ≂	Green	9001K2L38GH13	0.166/*0.366*

9001K_CP19055

9001K31

Joystick controllers (80 mm/*3.15 in.* long operating shaft)

Shape of head	Description	Type of contact			Direction	Reference	Weight kg/*lb*
		NO	NC	CO			
	3 positions spring return	–	2	–		9001K31H8	0.372/*0.820*
		Order contacts separately				9001K31	0.372/*0.820*
		2	–	–		9001K71H7	0.372/*0.820*
		Order contacts separately				9001K71	0.372/*0.820*
	5 positions spring return	–	–	2		9001K35H2	0.372/*0.820*
		Order contacts separately				9001K35	0.372/*0.820*
	3 positions stay put	Order contacts separately				9001K73	0.372/*0.820*
	5 positions spring return with latch *(1)*	Order contacts separately				9001K34	0.372/*0.820*

(1) Latch button must be depressed before joystick will operate.

Presentation: page 4

Description: page 10

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with chromium plated metal bezel

Complete units 9001K, with screw clamp terminals

9001KR11UH1H1_

9001KR11UH1H1

Mechanically interlocked pushbuttons

Shape of head	Type of push	Type of contact NO l. break	NO	CO	Color	Reference	Weight kg/*lb*
	Both maintained	–	–	1	Multi-color	**9001KR11UH1H1** *(1)*	0.540/*1.190*

9001KT35LRR31_9001K_CPRKM23001

9001KT35LRR31

Illuminated "Push to test" pushbuttons, spring return (super bright LED, included)

Shape of head	Type of push	Type of contact NO l. break	NO	CO	Supply voltage V	Color	Reference	Weight kg/*lb*
Direct supply								
	Projecting push	1	–	–	24 ≂	Green	**9001KT35LGG31**	0.235/*0.518*
						Red	**9001KT35LRR31**	0.235/*0.518*
						Amber	**9001KT35LYA31**	0.235/*0.518*
		1	–	–	120 ≂	Green	**9001KT38LGG31**	0.235/*0.518*
						Red	**9001KT38LRR31**	0.235/*0.518*
						Amber	**9001KT38LYA31**	0.235/*0.518*

9001K_634_CPODA2016095

9001K11J35LGFG

Illuminated selector switches with long handle (super bright LED, included)

Shape of head	Supply	Mount on side	Contact block *(2)*		Contact status 1 - closed 0 - open	Supply voltage V	Number and type of positions	Color	Reference	Weight kg/*lb*
	Supplied with 24 V light module (super bright LED)	1 or 2	9001KA2		0 1	24 ≂	2 stay put	Green	**9001K11J35LGFG**	0.245/*0.540*

(1) Supplied with 7 different colored caps: black, green, red, yellow, blue, white and orange, ready for clipping-in.

(2) Order and install listed contact block for noted contact sequence. Other contact sequences are available. Please contact our Customer Care Centre.

Presentation: page 4

Description: page 10

Harmony 9001SK
Plastic range

Schneider Electric

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with double insulated bezel

Complete units 9001SK, with screw clamp terminals

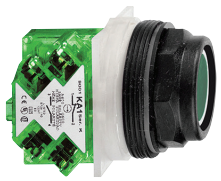
PG123071

9001SKR1GH13

109212

9001SKR3RH6

9001K_CP19057



9001SKR2GH5

Pushbuttons, spring return

Shape of head	Type of push	Type of contact NO	NC	CO	Color	Reference	Weight kg/*lb*
	Flush	1	–	–	Black	**9001SKR1BH5**	0.086/*0.190*
					Green	**9001SKR1GH5**	0.086/*0.190*
		–	–	1	Black	**9001SKR1BH13**	0.086/*0.190*
					Green	**9001SKR1GH13**	0.086/*0.190*
					Red	**9001SKR1RH13**	0.086/*0.190*
					Multi-color	**9001SKR1UH13** *(1)*	0.086/*0.190*
		1	–	–	Multi-color	**9001SKR1UH5** *(1)*	0.086/*0.190*
	Projecting	–	1	–	Red	**9001SKR3RH6**	0.070/*0.154*
	Recessed (high guard)	1	–	–	Green	**9001SKR2GH5**	0.090/*0.198*
		–	–	1	Multi-color	**9001SKR2UH13** *(1)*	0.090/*0.198*

(1) Supplied with 7 different colored caps: black, green, red, yellow, blue, white and orange, ready for clipping-in.

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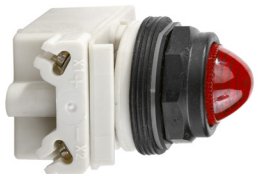
Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with double insulated bezel

Complete units 9001SK, with screw clamp terminal

109219

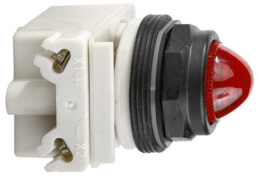


9001SKP35LRR9

Pilot lights with BA 9s base mounted (super bright LED included)

Shape of head	Supply voltage V	Color	Reference	Weight kg/*lb*
	≂ 24	Green	9001SKP35LGG9	0.082/*0.181*
		Red	9001SKP35LRR9	0.082/*0.181*
		Amber	9001SKP35LYA9	0.082/*0.181*
		White	9001SKP35LWW9	0.082/*0.181*
	≂ 120	Green	9001SKP38LGG9	0.082/*0.181*
		Red	9001SKP38LRR9	0.082/*0.181*
		Amber	9001SKP38LYA9	0.082/*0.181*
		White	9001SKP38LWW9	0.082/*0.181*

109219



9001SKP32R9

Pilot lights with BA 9s, incandescent bulb (bulb included)

Shape of head	Supply	Supply voltage V	Color	Reference	Weight kg/*lb*
	Direct supply for BA 9s bulb (included)	12 ≂	Green	9001SKP32G9	0.082/*0.181*
			Red	9001SKP32R9	0.082/*0.181*
			Amber	9001SKP32A9	0.082/*0.181*
		24 ≂	Green	9001SKP35G9	0.082/*0.181*
		120 ≂	Green	9001SKP38G9	0.082/*0.181*
	Via integral transformer for BA 9s 6 V bulb (included)	120 ∼	Green	9001SKP1G9	0.181/*0.399*
			Red	9001SKP1R9	0.181/*0.399*
			Amber	9001SKP1A9	0.181/*0.399*

109217

9001SKS43FB

Selector switches (For information on contact actuation sequence, please refer to our site www.se.com)

Shape of head	Mount on side	Contact block (order separately)	Contact status 1 - closed 0 - open	Number and type of positions	Reference	Weight kg/*lb*
Long handle, black	1 or 2	9001KA2	0 1	2 stay put	9001SKS11FB	0.059/*0.130*
	1 or 2	9001KA1	1 0 0 0 0 1	3 stay put	9001SKS43FB	0.059/*0.130*
	1 or 2	9001KA1	1 0 0 0 0 1	3 spring return to center	9001SKS53FB	0.059/*0.130*

1293005

9001SK1L35LGG

Illuminated pushbuttons, spring return, flush push (super bright LED included)

Shape of head	Supply	Type of contact CO	Supply voltage V	Color	Reference	Weight kg/*lb*
Full guard in plastic						
	BA 9s base mounted	(1)	24 ≂	Green	9001SK1L35LGG	0.181/*0.399*
		(1)	120 ≂	Green	9001SK1L38LGG	0.181/*0.399*

(1) Please order the contact block separately.

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Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights with double insulated bezel

Complete units 9001SK, with screw clamp terminal

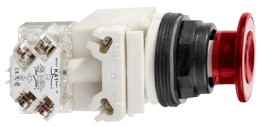
9001SK_1858_CPODA17002

9001SK2L35LGG

Illuminated pushbuttons, spring return, projecting push

Shape of head	Type of contact NO late break	NC	CO	Supply voltage V	Color	Reference	Weight kg/*lb*
BA 9s base mounted LED (included)							
	–	–	–	24 ≂	Green	9001SK2L35LGG	0.181/*0.399*
	Order contact block separately						

PG123086



9001SKR9P35LRR

Illuminated mushroom head pushbuttons (super bright LED, included)

Shape of head	Diameter mm/*in.*	Supply voltage V	Type of contact NO l.break	NO	CO	Color	Reference	Weight kg/*lb*
2 position stay put pushbuttons								
	Ø 41/*1.61*	24 ≂	Order contact block separately			Red	9001SKR9P35LRR	0.226/*0.498*
		120 ≂	Order contact block separately			Red	9001SKR9P38LRR	0.226/*0.498*

PG111278

9001SKT35LGG31

Illuminated "Push to test" pushbuttons, spring return, projecting push (super bright LED included)

Shape of head	Supply voltage V	Type of contact NO l. break	NO	CO	Color	Reference	Weight kg/*lb*
Direct supply							
	24 ≂	–	–	1	Green	9001SKT35LGG31	0.195/*0.430*
					Red	9001SKT35LRR31	0.195/*0.430*
					Amber	9001SKT35LYA31	0.195/*0.430*
	120 ≂	–	–	1	Green	9001SKT38LGG31	0.195/*0.430*
					Red	9001SKT38LRR31	0.195/*0.430*
					Amber	9001SKT38LYA31	0.195/*0.430*

(1) Order and install listed contact block for noted contact sequence. Other contact sequences are available. Please contact our Customer Care Centre.

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights

Separate components, accessories and spare parts

9001K_634_CPODA2016015

9001KR1U

Heads for spring return pushbuttons - unmarked

Shape of head	Type of push	Color	Reference	Weight kg/*lb*
For the metal range				
	Flush	Multi-color *(1)*	9001KR1U	0.087/*0.192*
	Projecting	Multi-color *(1)*	9001KR3U	0.090/*0.198*
	Recessed (high guard)	Multi-color *(1)*	9001KR2U	0.087/*0.192*
For the plastic range				
	Flush	Multi-color *(1)*	9001SKR1U	0.050/*0.110*
	Projecting	Multi-color *(1)*	9001SKR3U	0.050/*0.110*
	Recessed (high guard)	Multi-color *(1)*	9001SKR2U	0.050/*0.110*

9001K_634_CPODA2016009

9001KU5

Accessories for heads 9001KR●U

Description	Application	Color	Reference	Weight kg/*lb*
Rubber boots	Pushbuttons	Black	9001KU1	0.027/*0.060*
		Green	9001KU5	0.027/*0.060*
		Red	9001KU2	0.027/*0.060*
		Clear	9001KU7	0.027/*0.060*

Light blocks for pilot lights and illuminated pushbuttons

Supply	Light source	Type	Supply voltage V	Color	Reference	Weight kg/*lb*
Direct supply via integral resistance	BA 9s bulb (included)	Incandescent	12 ≂	–	9001KM32	0.050/*0.110*
			24 ≂	–	9001KM35	0.050/*0.110*
			120 ≂	–	9001KM38	0.050/*0.110*
Direct supply via integral transformer	BA 9s 6 V bulb (included)	Incandescent	120 ∼	–	9001KM1	0.144/*0.317*
			230 ∼	–	9001KM7	0.144/*0.317*
			380 - 480 ≂	–	9001KM5	0.144/*0.317*
Shallow depth	120 V bulb	LED	110 - 120 ≂	Green	9001KM58LG	0.115/*0.254*

9001K_634_CPODA2016033

9001KM1

Contact blocks with protected terminals

Description		Type of contact			Reference	Weight kg/*lb*
		“NO”	“NC”	“CO”		
Standard contact blocks	–	–	–	1	9001KA1 *(2)*	0.027/*0.060*
		1	–	–	9001KA2 *(2)*	0.023/*0.051*
		–	1	–	9001KA3 *(2)*	0.023/*0.051*
Late break contact blocks	–	–	–	1	9001KA4	0.027/*0.060*
		–	1	–	9001KA5	0.023/*0.051*
Early break contact blocks	–	1	–	–	9001KA6	0.023/*0.051*
Logic reed contact blocks	Hermetically sealed	1	–	–	9001KA41 *(2)*	0.045/*0.099*
		–	1	–	9001KA42 *(2)*	0.045/*0.099*
		–	–	1	9001KA43 *(2)*	0.045/*0.099*
Power reed contact blocks	Hermetically sealed	1	–	1	9001KA51 *(2)*	0.045/*0.099*
		–	1	–	9001KA52 *(2)*	0.045/*0.099*
		–	–	1	9001KA53 *(2)*	0.045/*0.099*

9001K_634_CPODA2016032

9001KA1

(1) Includes set of 7 different colored caps for customer installation: black, green, red, yellow, blue, white and orange.

(2) It is possible to mount up to 3 levels of contact blocks (maximum of 6 contacts blocks) on 9001K and 9001SK references. For additional contact blocks to be installed by the customer, please refer to our site www.se.com.

Presentation:
page 4

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9001K_634_CPODA2016020

9001KN300

9001K_634_CPODA2016029

9001KN201

Aluminum legend plates for metal range

Unmarked

Description	Background color	Reference	Weight kg/*lb*
Size 1 (40 x 43 mm/ *1.57 x 1.69 in.*)	Black	9001KN200	0.005/*0.011*
	Red	9001KN200R	0.005/*0.011*
Size 2 (44 x 50 mm/ *1.73 x 1.97 in.*)	Black	9001KN300	0.005/*0.011*
	Red	9001KN300R	0.005/*0.011*

Marked

Description	Legend plate color	Marking	Reference	Weight kg/*lb*
English text (40 x 43 mm/ *1.57 x 1.69 in.*)	Black background	START (silver letters)	9001KN201	0.005/*0.011*
		OPEN (silver letters)	9001KN209	0.005/*0.011*
		HAND-OFF-AUTO (silver letters)	9001KN260	0.005/*0.011*
	Red background	STOP (silver letters)	9001KN202	0.005/*0.011*

9001K_634_CPODA2016012

9001KN100BP

Plastic legend plates for plastic range

Unmarked

Description	Background color	Reference	Weight kg/*lb*
Size 1 (57 x 57 mm/ *2.24 x 2.24 in.*)	White	9001KN100WP	0.005/*0.011*
	Black	9001KN100BP	0.005/*0.011*

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page 4

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page 10

PG113551_A

9001K93R

9001SK_1858_CPODA2016046

9001Y22

9001G9_

9001G9

9001R31_9001K_CPRKM23001

9001R31

9001G8-2

9001G8

9001SK_1858_CPODA2016009

9001R24

Caps and knobs

Description	Application	Color	Reference	Weight kg/*lb*
Ø 57/*2.24 in.* mushroom knob with set screw	For non-illuminated pushbutton	Red	9001K93R	0.005/*0.011*
Ø 41/*1.61 in.* mushroom knob	For illuminated pushbutton	Red	9001R22	0.005/*0.011*
Ø 41/*1.61 in.* lens caps	Mushroom head illuminated pushbutton	Yellow	9001Y22	0.005/*0.011*
		Green	9001G22	0.005/*0.011*
Standard lens	For pilot light	Red	9001R9	0.005/*0.011*
		Green	9001G9	0.005/*0.011*
Lens caps "Fresnel lens"	For pilot light	Red	9001R31	0.005/*0.011*
		Green	9001G31	0.005/*0.011*
		White	9001W31	0.005/*0.011*
Standard knob	For selector switch	Black	9001B11	0.005/*0.011*
		Red	9001R8	0.005/*0.011*
		Green	9001G8	0.005/*0.011*
		Blue	9001L8	0.005/*0.011*
		Yellow	9001Y8	0.005/*0.011*
		White	9001W8	0.005/*0.011*
Long knob	For selector switch	Black	9001B25	0.005/*0.011*
		Red	9001R24	0.005/*0.011*
		Green	9001G24	0.005/*0.011*
		Blue	9001L24	0.005/*0.011*
		Yellow	9001Y24	0.005/*0.011*
		White	9001W24	0.005/*0.011*

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Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights

Separate components, accessories and spare parts

PG121477

6508805214

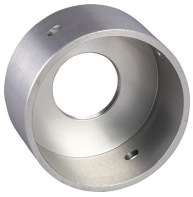
9001K_634_CPODA2016010

9001K52

9001K95

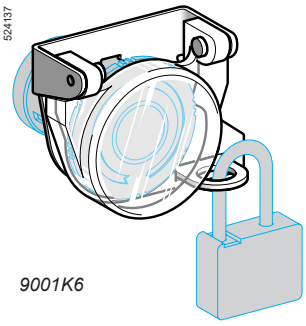
9001K95

9001K_634_CPODA2016035



9001K48

524137



9001K6

Bulbs and bulb extractor

Description	Application	Color	Reference	Weight kg/*lb*
Super bright LED bulbs	24 V / 9001●●●35L or 48 V / 9001●●●36L or 120 V / 9001●●●38L	Red *(1)*	6508805210	0.010/*0.022*
		Green *(1)*	6508805212	0.010/*0.022*
		Amber *(1)*	6508805211	0.010/*0.022*
		White *(1)*	6508805214	0.010/*0.022*
Bulb extractor	–	–	XBFX13	0.005/*0.011*

Other accessories

Description	Application		Color	Reference	Weight kg/*lb*
Closing plates	–		Gray	9001K51	0.020/*0.044*
	–		Black	9001K52	0.028/*0.062*
Screwdriver *(3)*	–		–	9001K69	0.150/*0.331*
Tightening wrench	Fixing nut		–	9001K95	0.064/*0.141*
	Boot		–	9001K1	0.150/*0.331*
Guards	For mushroom head pushbutton	Ø 35 mm/*1.38 in.*	–	9001K48	0.028/*0.062*
		Ø 41 mm/*1.61 in.*	–	9001K56YM	0.036/*0.079*
		Ø 60 mm/*2.36 in.*	–	9001K685	0.030/*0.066*
Set of 7 different colored caps	For pushbutton		Black, green, red, yellow, blue, white, orange	9001T8U	0.005/*0.011*
Padlock attachment	For selector switch, with transparent plastic cover		–	9001K7 *(4)*	0.150/*0.331*
	For non-illuminated pushbutton, with transparent plastic cover		–	9001K6	0.150/*0.331*
	For illuminated pushbutton, without cover		–	9001K62	0.150/*0.331*
Alternate action module	Push on - Push off module *(5)*		–	**9001K85**	0.025/*0.055*

(1) LED light modules require the color cap color and the LED be the same or use a clear color cap.
(2) Voltage Assembly Codes.
(3) Screwdriver with special tip for mounting contact blocks.
*(4) This padlock attachment is only compatible with the following standard knobs for selector switches: **9001B11**, **9001R8**, **9001G8**, **9001L8**, **9001Y8** and **9001W8**.*
(5) NO circuits require KA4 or KA6 contact blocks.

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Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights

Separate components, accessories and spare parts

9001KY1_DA19

9001KY1

Enclosures *(1)*

Type	Conduit threads	NEMA ratings	Color of enclosure	Color of cover	N° of 30 mm holes	Reference	Weight kg/*lb*
Aluminum	3/4”	1, 3, 4, 6, 12, 13	–	–	1	9001KY1	1.170/*2.579*
					2	9001KY2	1.279/*2.820*
					3	9001KY3	1.597/*3.520*
					4	9001KY4	1.846/*4.070*
	14 mm/ *0.55 in.*	1, 3, 4, 6, 12, 13	–	–	1	9001TY1	1.170/*2.579*
Aluminum with integral guard	3/4”	1, 3, 4, 6, 12, 13	Gray	Gray	1	9001KYG1	1.200/*2.646*
			Gray	Yellow	1	9001KYG1Y	1.200/*2.646*

PF100882

9001KYG1Y

(1) Compatible with Ø 30 mm pushbuttons (including Emergency stop pushbuttons), selector switches, and pilot lights.

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights

Separate components, accessories and spare parts

9001SK_1858_CPODA2016001

9001KYSS1

Enclosures *(continued) (1)*

Type	Conduit threads	NEMA ratings	Color of enclosure	Color of cover	N° of 30 mm holes	Reference	Weight kg/*lb*
Stainless steel	3/4" Knockout	1, 3, 4, 4X, 13	–	–	1	9001KYSS1	1.061/*2.339*
					2	9001KYSS2	1.370/*3.020*
					3	9001KYSS3	1.715/*3.781*
					4	9001KYSS4	1.855/*4.090*
Plastic	3/4" Knockout	1, 3, 4, 4X, 13	–	–	1	9001SKY1	0.690/*1.521*
					2	9001SKY2	0.690/*1.521*
					3	9001SKY3	0.790/*1.742*

(1) Compatible with Ø 30 mm pushbuttons (including Emergency stop pushbuttons), selector switches, and pilot lights.

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The 9001KA contact blocks are Fingersafe™ contact blocks (meeting VDE 0106 Part 100). They have one screw mounting and captive (backed out) plus/minus terminal screws. These contact blocks are double-break, direct-acting contacts. Because of the wiping action of these contacts, they are suitable for use with programmable controllers. All contact blocks listed below accept up to 2 #12–#24 AWG solid or stranded wires. Recommended tightening torque for screw terminals is 7 lb-in

Standard contact blocks

Description	Symbol	Reference
(Clear Cover)	Direct-Acting	KA1
(Green Cover)		KA2
(Red Cover)	Direct-Acting	KA3
(Clear Cover)	N/O Contact Early Closing	KA4
(Red Cover)	N/C Contact Late Opening	KA5
(Green Cover)	N/O Contact Early Closing	KA6

Additional Circuit Arrangements

Sequencing N/O Contact of KA4 closes before N/O Contact on KA1	KA4	KA1	Order One 9001KA4 and One 9001KA1
Overlapping N/O Contact of KA4 closes before N/C Contact of KA5 Opens	KA4	KA5	Order One 9001KA4 and One 9001KA5

Symbol	Contact blocks with Binder Head Screws (not Fingersafe) Reference	Quantity *(1)*	Gold Flashed Contacts with Standard Pressure Wire Terminals Reference
	KA21	25–Up	KA31
	KA22	25–Up	KA32
	KA23	25–Up	KA33
N/O Early Closing	KA24	25–Up	KA34
N/C Contact Late Opening	KA25	25–Up	KA35

(1) Minimum order quantity is 25.

Contact blocks listed below are not Fingersafe, but provide:

- Terminals that accept ring tongue/fork tongue connectors
- Short single circuit contact blocks (0.75” deep vs. 0.97” deep on the Fingersafe)
- For assembled operators, use form Y238 (add to reference as suffix, for example: 9001KRU1H13Y238)

Contact blocks (not Fingersafe)

Symbol	Reference	Symbol	Reference
	KA1G	N/O Contact Early Closing	KA4G
	KA2G	N/C Contact Late Opening	KA5G
	KA3G	N/O Contact Early Closing	KA6G

Contact blocks with Quick-Connect terminals (not Fingersafe)

Symbol	Reference
	KA12
	KA13

Maximum Current Ratings for Control Circuit Contacts—9001KA1–KA6, KA21–KA25, KA31–KA35, KA1G–KA6G

V	AC Inductive (NEMA / UL Type A600) 35% Power Factor Make Amperes	Make VA	Break Amperes	Break VA	Continuous Carrying Amperes	Resistive 75% Power Factor Make, Break and Continuous Amperes	V	DC Inductive and Resistive (NEMA Q600) Make and Break KA1	KA2 KA3	KA4	KA5 KA6	Continuous Carrying Amperes
120	60	7200	6.0	720	10	10	125	0.55	0.55	–	–	2.5
240	30		3.0				250	0.27	0.27	–	–	
480	15		1.5				600	0.10	0.10	–	–	
600	12		1.2									

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Pushbuttons, switches and pilot lights

Separate components, accessories and spare parts

Hazardous locations do not always require the use of explosion-proof equipment like the 9001BR control stations. Selecting the most appropriate device for the location can save you money. For more information on the types of hazardous locations, contact your local electrical inspector.

Schneider Electric Offering According to Class, Division, and Group

For Class	Division	Group(s)	Use
I	1	A	1. Intrinsically Safe System
I	1	B, C, D	1. 9001BR station
			2. Intrinsically Safe System
I	2	A	1. 9001K control stations with restrictions *(1)*
			2. Intrinsically Safe System
I	2	B, C, D	1. 9001BR station
			2. 9001K control stations with restrictions *(1)*
			3. Intrinsically Safe System
II	1	E, F, G	1. 9001BR station
			2. Intrinsically Safe System
II	2	E, F	1. 9001BR station
			2. 9001K control stations with restrictions *(1)*
			3. Intrinsically Safe System
II	2	G	1. 9001BR station
			2. 9001K control stations with restrictions *(2)*
			3. Intrinsically Safe System
III	1, 2	—	1. 9001BR Station
			2. 9001K control stations with restrictions *(2)*
			3. Intrinsically Safe System

Any 9001K operator can be used in an area classified as Class I, Division 2 hazardous locations, if:

- *Only logic (KA40 series) or power (KA50 series) reed contact blocks are used.*
- *All 9001K illuminated operators are UL approved for use in Class I Division 2 areas.*
- *The operators are mounted in any NEMA 4 & 13 enclosures.*

(1) Any 9001K operator mounted in a 9001KY, 9001KYSS, 9001KYAF or 9001SKY enclosure may be used, except potentiometer operators.

(2) Add Form Y243 to single lamp Push-To-Test pilot lights.

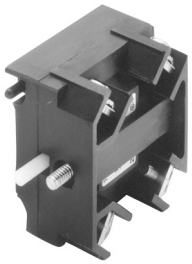
Note: For (1) and (2): UL Listed: File E10054(N), CCN NOIV.

Hazardous Locations:

File E10054(N) CCN NOIV

File LR26817 Class 3218 02

Hermetically Sealed Logic Reed Contact Blocks Suitable for use on low energy level circuits



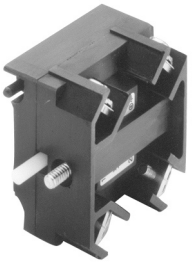
Description	Symbol	Reference
		KA41
		KA42
		KA43
		KA44
		KA45

Max. Vac/Vdc	Maximum Load		
	Resistive	Inductive	Continuous
32/30	25 A	10 A	5 A
120/100	8 VA	3 VA	5 A

The maximum number of logic and/or power reed contact blocks per operator is as indicated on individual selection tables for standard contact blocks, **except**:

- On 3-Position selector switches with cams C, D, E, F, G, L, or M, mount reed blocks on **one side only** (either side), maximum 2 in tandem.
- On 4-Position selector switches, mount reed blocks on **one side only** (either side), maximum 2 in tandem.
- On joysticks or on 9001KR8 push-pull operators, mount reed blocks on **one side only** (either side), maximum 2 in tandem.

Hermetically Sealed Power Reed Contact Blocks *(5)*



Description	Symbol	Reference
		KA51
		KA52
		KA53
		KA54
		KA55

Volts	AC NEMA C300 *(3)*				
	Make		Break		Continuous Carrying Amperes
	A	VA	A	VA	
120	10.00	1200	1.000	120	3.0
240	5.00		500		

Volts	DC NEMA Q150 *(4)*				
	Make		Break		Continuous Carrying Amperes
	A	VA	A	VA	
115	50	58	50	58	3.0

Note: All contact blocks listed above accept #12–18 solid or stranded wire.

The power reed contact blocks can be used with standard industrial relays and starters through NEMA Size 4. Minimum voltage is 5 V and the minimum current is 1 mA.

(3) Inductive Rating—35% Power Factor.

(4) Inductive and Resistive Ratings

(5) Not for use in pendant stations.

Pre-assembled Emergency stop pushbuttons Ø 30

Schneider Electric

Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Emergency stop pushbuttons with chromium plated metal bezel or double insulated bezel

Pre-assembled units, with screw clamp terminals

Emergency stop conforming to EN/IEC 60204-1, 60364-5-53, EN/ISO 13850, and Machinery Directive 2006/42/EC

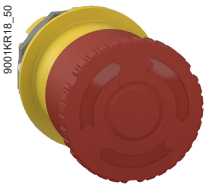
Emergency stop function: Mushroom head Emergency stop trigger action conform to standards EN/IEC 60204-1 and EN/ISO 13850, Machinery Directive 2006/42/EC, and standards UL508A, CSA C22.2 No 60947-5-1 (heads), UL60947-5-5, and UL 60947-5-1.

Please contact our Customer Care Center for an explanation of these standards and directives.

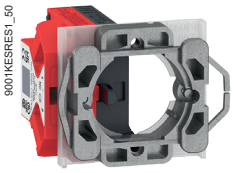
Pre-assembled non-illuminated Emergency stop pushbuttons trigger action, and mechanical latching
Screw clamp terminal connections

Shape of head	Type of reset	Type of contact NO	Type of contact NC	Push Diameter Ø mm/*in.*	Push Color	Material	Reference	Weight kg/*lb*
Heads								
	Turn to release	–	–	43.5/ *1.712*	Red	Metal	**9001KR18**	0.141/*0.311*
						Plastic	**9001SKR18**	0.080/*0.176*
Bodies								
Pre-assembled bodies (can not be disassembled), compatible with 9001KR18 and 9001SKR18 heads only.		–	1			Plastic (with metal fixing collar)	**9001KES18RES1**	0.063/*0.139*
		–	2			Plastic (with metal fixing collar)	**9001KES18RES2**	0.084/*0.185*
		1	1			Plastic (with metal fixing collar)	**9001KES18RES3**	0.084/*0.185*
		1	2			Plastic (with metal fixing collar)	**9001KES18RES4**	0.105/*0.231*

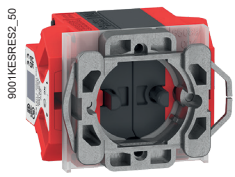
9001KR18



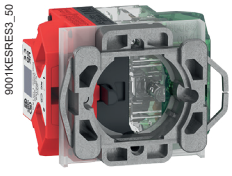
9001SKR18



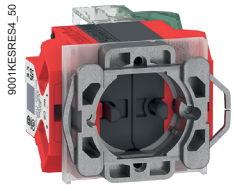
9001KES18RES1



9001KES18RES2



9001KES18RES3



9001KES18RES4

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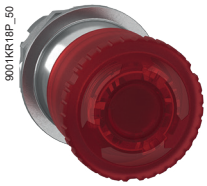
Control and signaling units Ø 30

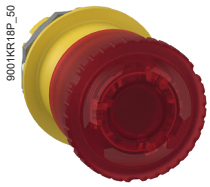
Harmony 9001K & 9001SK range

Emergency stop pushbuttons with chromium plated metal bazel or double insulated bezel

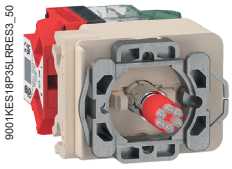
Pre-assembled units, with screw clamp terminals



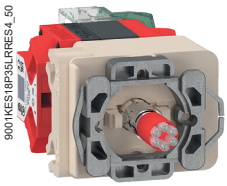
9001KR18P



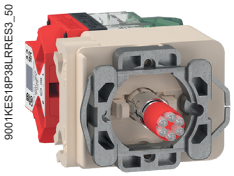
9001SKR18P



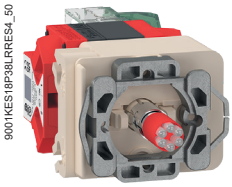
9001KES18P35LRRES3



9001KES18P35LRRES4



9001KES18P38LRRES3



9001KES18P38LRRES4

Pre-assembled illuminated Emergency stop pushbuttons trigger action, and mechanical latching

Screw clamp terminal connections

Shape of head	Type of reset	Supply voltage V AC/DC	Type of contact NO	Type of contact NC	Push Diameter Ø mm/*in.*	Push Color	Material	Reference	Weight kg/ *lb*
Heads									
	Turn to release		–	–	43.5/ *1.712*	Red	Metal	9001KR18P ▲	0.141/ *0.311*
							Plastic	9001SKR18P ▲	0.080/ *0.176*
Bodies									
Pre-assembled bodies (can not be disassembled), compatible with 9001KR18P and 9001SKR18P heads only.		24...28 ≂	1	1	–		Plastic (with metal fixing collar)	9001KES18P35LRRES3 ▲	0.128/ *0.282*
			1	2	–		Plastic (with metal fixing collar)	9001KES18P35LRRES4 ▲	0.148/ *0.326*
		120 ≂	1	1	–		Plastic (with metal fixing collar)	9001KES18P38LRRES3 ▲	0.128/ *0.282*
			1	2	–		Plastic (with metal fixing collar)	9001KES18P38LRRES4 ▲	0.148/ *0.326*

▲: *Available first quarter 2026.*

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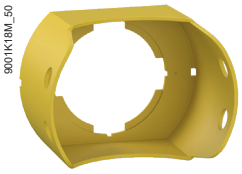
Control and signaling units Ø 30

Harmony 9001K & 9001SK range

Emergency stop pushbuttons with chromium plated metal bezel or double insulated bezel

Accessories for pre-assembled Emergency stop pushbuttons



9001K18M

9001KN9318

9001KN2018Y

9001KN2018R

Accessories for pre-assembled Emergency stop pushbuttons

Description	Color	Material	Reference	Weight kg/*lb*
Guards				
Guards with padlock holes 44 mm/1.73 in. hole opening for Emergency stop bezel	Yellow	Metal	9001K18M	0.090/*0.198*
		Plastic	9001K18P	0.021/*0.046*

Description	Legend plate color	Marking	Reference	Weight kg/*lb*
Legends				
Circular plastic legend ***Ø 75/2.95 in.***	Yellow	EMERGENCY STOP (black letters)	9001KN9318	0.002/*0.004*
Aluminum legend plates ***Ø 50/1.96 in.***	Yellow background	EMERGENCY STOP (black letters)	9001KN2018Y	0.005/*0.011*
	Red background	EMERGENCY STOP (silver letters)	9001KN2018R	0.005/*0.011*

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Control and signaling units Ø 30

Harmony 9001K & 9001SK range

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