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Safety relays

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Safety relays

Sentry ordering table

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Safety relays

Sentry safety relays



Sentry ordering table

Type	Voltage	Off Delay Timer 0.5s	Off Delay Timer 1.5s	Timer 0 – 999s	Safety Outputs 3NO + 1NC	Safety Outputs 4NO	Safety Outputs 4NO + 1NC	Safety Outputs 2NO + 2NO Del.	Expansion of safe outputs	Manual Reset	Two Hand Device	Safety Mats, Edges and Bumpers	Dual channel OSSD devices	Dual Channel with N/NC contacts	Dual Channel with 2NC contacts	Single Channel	Ordering code (Screw Connector)	Ordering code (Spring Connector)	
BSR10	24 V DC				•										1	•	2TLA010040R0000	2TLA010040R0001	
BSR11	24 V DC					•										1	•	2TLA010040R0200	2TLA010040R0201
BSR23	24 V DC						•											2TLA010041R0600	2TLA010041R0601
SSR10	24 V DC				•				•	•								2TLA010050R0000	2TLA010050R0001
SSR20	24 V DC				•					•	•							2TLA010051R0000	2TLA010051R0001
SSR32	24 V DC	•						•		•								2TLA010052R0400	2TLA010052R0401
SSR42	24 V DC		•					•		•								2TLA010053R0400	2TLA010053R0401
SSR10M	3				•				•	•								2TLA010050R0100	2TLA010050R0101
SSR20M	3				•					•	•							2TLA010051R0100	2TLA010051R0101
TSR10	24 V DC			2	•				•									2TLA010060R0000	2TLA010060R0001
TSR20	24 V DC	•	•		•				•									2TLA010061R0000	2TLA010061R0001
TSR20M	3	•	•		•				•									2TLA010061R0100	2TLA010061R0101
USR10	24 V DC			2	•					•	•	•	•	•	•	•		2TLA010070R0000	2TLA010070R0001
USR22	24 V DC			2			•			•	•	•	•	•	•	•		2TLA010070R0400	2TLA010070R0401

¹ No monitoring of two-channel fault, i.e., max Category 3 without fault exclusion
² Off-delay, On-delay, Time bypass, or Time reset. Configurable model with display
³ 85-265 V AC / 120-275 V DC

More information
[Sentry manuals in ABB Library](#)
[Sentry Flyer](#)
[Sentry connection diagrams](#)

Safety programmable logic controllers

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Safety programmable logic controllers

Safety controllers and accessories



Pluto ordering table

Pluto is available in different models depending on the needs of your application. Optional features include bus communication, high resolution analog inputs and current monitoring.

Type	Voltage	Safety Bus	Failsafe Outputs	Failsafe Inputs max	Analog Inputs (max)	Fast Counter Inputs (max)	Statusbus Inputs (max)	Non-Failsafe outputs (max)	Ordering code
Pluto S20 v2	24 V DC	No	4	16	1	-	4	8	2TLA020070R4700
Pluto S46 v2	24 V DC	No	6	40	3	-	4	16	2TLA020070R1800
Pluto B22	24 V DC	Yes	-	22	1	-	4	8	2TLA020070R4800
Pluto O2	24 V DC	Yes	2	4	-	-	2	2	2TLA020070R8500
Pluto A20 v2	24 V DC	Yes	4	16	1	-	4	8	2TLA020070R4500
Pluto B20 v2	24 V DC	Yes	4	16	1	-	4	8	2TLA020070R4600
Pluto D20	24 V DC	Yes	6	16	4 + 1	-	4	8	2TLA020070R6400
Pluto B46 v2	24 V DC	Yes	6	40	3	-	4	16	2TLA020070R1700
Pluto D45	24 V DC	Yes	6	39	8	4	4	15	2TLA020070R6600

IDFIX identifiers ordering table

IDFIX is an identification circuit that is connected to Pluto. It must be used when:

- several Plutos are connected to the Pluto Safety bus (IDFIX-R or IDFIX-RW)
- to get the possibility to replace a stand-alone Pluto with a new one without the need of a PC (IDFIX-PROG stores the Pluto program)

Type	Description	Ordering code
IDFIX-R	Pre-programmed unique identification number.	2TLA020070R2000
IDFIX-RW	Programmable identification number, i.e. the user can choose identification number	2TLA020070R2100
IDFIX-DATA	Programmable identification number and storage of AS-i safety codes.	2TLA020070R2300
IDFIX-PROG 2k5	Storage of the Pluto program, 2.5 Kbyte. Especially useful for stand-alone Pluto.	2TLA020070R2400
IDFIX-PROG 10k	Storage of the Pluto program, 10 Kbyte. Especially useful for stand-alone Pluto.	2TLA020070R2600

Pluto cables and connection accessories ordering table

Type	Description	Ordering code
Pluto cable serial	Pluto programming and on-line monitoring cable. For a PC serial port, 9-pole D-sub connector.	2TLA020070R5600
Pluto cable USB	Pluto programming and on-line monitoring cable. For a PC USB port.	2TLA020070R5800
Pluto cable HMI	Cable for connecting a HMI-panel to the Pluto programming port. Connector on HMI-side: 15-pole D-sub. On Pluto side: 90 degrees angled Modbus contact.	2TLA020070R5700
Pluto cable CP400	Cable for connecting HMI-panel ABB CP400 to Pluto programming port. Connector on HMI-side: 9-pole D-sub.	2TLA020070R2400
Pluto cable CP600	Cable for connecting HMI-panel ABB CP600 to Pluto programming port. Connector on HMI-side: 9-pole D-sub.	2TLA020070R2600
PCABLE-050	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 50-meter ring.	2TLA020070R6805
PCABLE-100	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 100-meter ring.	2TLA020070R6810
PCABLE-500	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 500-meter drum.	2TLA020070R6850

Safety programmable logic controllers

Safety controllers and accessories



Other accessories ordering table

Type	Description	Ordering code
Smile 11 RB	Smile reset button for light button function with M12-5 connector.	2TLA030053R0100
FIXA	Handheld terminal for StatusBus. Used for e.g. addressing and test. Connection to PC via USB-micro cable	2TLA020072R2000
R120 Resistor	Terminating resistor for Pluto safety bus. Necessary for each stand-alone Pluto and on the Pluto units at each end of the Pluto safety bus. Should be removed from the other Pluto units.	2TLA020070R2200



Pluto gateways ordering table

With the use of a gateway, Pluto can communicate with other control systems and form a part of a larger network. The gateway models GATE-D2 and C2 can also be used as an extension of the safety bus cable to extend the Pluto network.

Type	Fieldbus	Ordering code
GATE-C2	CANopen	2TLA020071R8100
GATE-D2	DeviceNet	2TLA020071R8200
GATE-P2	PROFIBUS-DP	2TLA020071R8000
GATE-EC	EtherCAT	2TLA020071R9100
GATE-EIP	Ethernet/IP	2TLA020071R9000
GATE-MT	Modbus TCP	2TLA020071R9400
GATE-PN	PROFINET	2TLA020071R9300



Pluto safe encoders ordering table

The safe encoders can be used together with Pluto to safely determine the position of machine movements.

Type	Fieldbus	Ordering code
RSA 698 10mm solid	Multiturn encoder with solid 10mm shaft, M12 connectors	2TLA020070R3700



More information

[Pluto Encoders](#)

[Pluto Gateways](#)

[Pluto Ethernet Gateways](#)

[Pluto hardware manual](#)

[Pluto programming manual](#)

[Pluto Flyer](#)

Safety controller

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Safety controller

Vital



Vital ordering table

Type	Voltage	DYNlink Circuits	DYNlink Devices (max)	Safe Outputs	Ordering code
Vital 1	24 V DC	1	30	2	2TLA020052R1000

DYNlink adapters for dual channel devices ordering table



Type	Description	Ordering code
Tina 2A	Mounted directly on the device enclosure to an M20 cable entry	Devices with positively driven force-guided contacts like E-stop buttons and key switches 2TLA020054R0100
Tina 2B	Placed inside the safety device enclosure	2TLA020054R1100
Tina 3A	Mounted directly on the device enclosure to an M20 cable entry	2TLA020054R0200
Tina 3Aps	Two circuits and with supply voltage for a safety sensor. Connects to an M20 cable entry.	2TLA020054R1400
Tina 7A	Mounted on a DIN rail in the electrical cabinet. Note that the connected safety device(s) must be mounted on the same cabinet.	2TLA020054R0700
Tina 10A v2	Adaptation of OSSD to DYNlink. M12-8 connector for OSSD and M12-5 for DYNlink.	Devices with OSSD outputs like Orion Light Curtains 2TLA020054R1210
Tina 10B v2	Adaptation of OSSD to DYNlink with possibility to connect a local reset button. M12-8 for OSSD and M12-5 for DYNlink and reset.	2TLA020054R1310
Tina 10C v2	Adaptation of OSSD to DYNlink with possibility to power the transmitter. M12-8 connector for OSSD and M12-5 for DYNlink and power.	2TLA020054R1610

Connection blocks for serial connection of DYNlink devices (or devices with Tina adapter) ordering table

Type	Description	Ordering code
Tina 4A	Connection block for serial connection of up to 4 DYNlink devices with M12-5 connectors.	2TLA020054R0300
Tina 8A	Connection block for serial connection of up to 8 DYNlink devices with M12-5 connectors	2TLA020054R0500
Tina 11A	Connection block for serial connection of 2 DYNlink devices with M12-5 connectors.	2TLA020054R1700
Tina 12A	Connection block for serial connection of 2 DYNlink devices with M12-8 connectors, e.g. Magne.	2TLA020054R1800

Blind plug to complete the serial connection on a connection block ordering table

All M12 connectors on Tina 4A or Tina 8A must be connected to a safety device or a Tina 1A. For example, if only 6 devices are connected to a Tina 8A, two Tina 1A are necessary.

Type	Description	Ordering code
Tina 1A	Tina 1A is a blind plug connected to the unused M12 connectors of the connection blocks Tina 4A and Tina 8A.	2TLA020054R0000

M12 Y-connectors ordering table

Type	Description	Ordering code
M12-3A	M12 Y-connector for series connection of DYNlink devices such as Eden, Smile, Inca and Tina.	2TLA020055R0000
M12-3B	M12 Y-connector for parallel connection of 2 DYNlink devices.	2TLA020055R0100
M12-3E	M12 Y-connector for the connection of 2 DYNlink devices or one DYNlink and one light button to Pluto safety PLC with only one cable.	2TLA020055R0200
M12-3S	M12 Y-connector for series connection of DYNlink devices with the StatusBus function.	2TLA020055R0600

More information

[Vital Manual](#)
[Vital Flyer](#)

Safety light curtains

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Safety light curtains

Orion



Orion 1 Base Models ordering table

Type	Description	Ordering code
Orion 1-4-14-015-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 150mm	2TLA022300R0000
Orion 1-4-14-030-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 300mm	2TLA022300R0100
Orion 1-4-14-045-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 450mm	2TLA022300R0200
Orion 1-4-14-060-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 600mm	2TLA022300R0300
Orion 1-4-14-075-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 750mm	2TLA022300R0400
Orion 1-4-14-090-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 900mm	2TLA022300R0500
Orion 1-4-14-105-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1050mm	2TLA022300R0600
Orion 1-4-14-120-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1200mm	2TLA022300R0700
Orion 1-4-14-135-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1350mm	2TLA022300R0800
Orion 1-4-14-150-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1500mm	2TLA022300R0900
Orion 1-4-14-165-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1650mm	2TLA022300R1000
Orion 1-4-14-180-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1800mm	2TLA022300R1100
Orion 1-4-30-015-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 150mm	2TLA022302R0000
Orion 1-4-30-030-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 300mm	2TLA022302R0100
Orion 1-4-30-045-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 450mm	2TLA022302R0200
Orion 1-4-30-060-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 600mm	2TLA022302R0300
Orion 1-4-30-075-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 750mm	2TLA022302R0400
Orion 1-4-30-090-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 900mm	2TLA022302R0500
Orion 1-4-30-105-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1050mm	2TLA022302R0600
Orion 1-4-30-120-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1200mm	2TLA022302R0700
Orion 1-4-30-135-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1350mm	2TLA022302R0800
Orion 1-4-30-150-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1500mm	2TLA022302R0900
Orion 1-4-30-165-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1650mm	2TLA022302R1000
Orion 1-4-30-180-B	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1800mm	2TLA022302R1100

More information

[Orion 1 Base flyer](#)

[Orion 1 Base - Product Manual](#)

[Orion connection diagrams](#)

Spare Parts (included when ordering Orion) ordering table

Type	Description	Ordering code
J5M Orion01	4 standard brackets for Orion 1 & Orion 2	2TLA022310R0000



Safety light curtains

Orion



Accessories ordering table

Type	Description	Ordering code
Orion TP-14	Orion Test Piece 14 mm	2TLA022310R5200
Orion TP-30	Orion Test Piece 30 mm	2TLA022310R5300
Orion Laser	Orion Laser pointer	2TLA022310R5000
JSM Orion03	4 rotation brackets for Orion 1 Base	2TLA022310R0100
JSM Orion06	Kit for mounting of Orion 1 & Orion 2 in Stand (4 pieces for lengths shorter than 1200 mm)	2TLA022310R0400
JSM Orion07	Kit for mounting of Orion 1 & Orion 2 in Stand (6 pieces for lengths of 1200 mm or more)	2TLA022310R0500
JSM Orion 10	Kit for mounting of Orion 1 Mirror on wall.	2TLA022310R0800
JSM Orion 11	Kit for mounting of Orion 1 Mirror in Stand	2TLA022310R0900
Orion Stand Plate	Orion Plate kit for adjustment of protective stand	2TLA022312R5000
Orion 1 Mirror*	Deviating mirror to be mounted in Orion Stand with one kit JSM Orion 11	See data sheet
Orion Stand*	Protective stand	See data sheet

More information

[Orion Stand product sheet](#)

[Orion 1 Mirror product sheet](#)

[Orion Laser Original instructions](#)

[JSM Orion03 Original instructions](#)

Connection Accessories ordering table

Type	Description	Ordering code
Smile 11 RA	Smile reset button with NO contact. Used with Sentry or Vital	2TLA030053R0000
Smile 11 RB	Smile reset button with NO contact for Pluto	2TLA030053R0100
Smile 11RO1	Smile reset button with NO contact for Orion 1 Base. Can be used with Tina 10B v2	2TLA022316R3000
M12-3A	Y-connector for series connection of DYNlink devices with M12-5 connectors, e.g. Eden	2TLA020055R0000
M12-3R	Y-connector for connection of a Smile reset button to Orion	2TLA022316R0000
M12-3D	Y-connector for easy connection of a transmitter	2TLA020055R0300
Tina 10A v2	Adaptation of OSSD to DYNlink. M12-8 connector for OSSD and M12-5 for DYNlink.	2TLA020054R1210
Tina 10B v2	Adaptation of OSSD to DYNlink with possibility to connect a local reset button. M12-8 connector for OSSD and M12-5 for DYNlink and reset.	2TLA020054R1310
Tina 10C v2	Adaptation of OSSD to DYNlink with possibility to power the transmitter. M12-8 connector for OSSD and M12-5 for DYNlink and transmitter.	2TLA020054R1610

Cables ordering table

Type	Description	Ordering code
M12-CTO1BA	Transfer cable, for use with Tina 10A and 10C, puts basic model light curtain in auto reset with no EDM	2TLA022315R3000
M12-CTO1BM	Transfer cable, for use with Tina 10B or M12-3R, for local reset button Smile 11RO1	2TLA022315R3100

Safety light curtains

Orion



Orion 1 Extended Models ordering table

Type	Description	Ordering code
Orion 1-4-14-030-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 300mm, with muting and blanking	2TLA022301R0100
Orion 1-4-14-045-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 450mm, with muting and blanking	2TLA022301R0200
Orion 1-4-14-060-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 600mm, with muting and blanking	2TLA022301R0300
Orion 1-4-14-075-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 750mm, with muting and blanking	2TLA022301R0400
Orion 1-4-14-090-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 900mm, with muting and blanking	2TLA022301R0500
Orion 1-4-14-105-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1050mm, with muting and blanking	2TLA022301R0600
Orion 1-4-14-120-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1200mm, with muting and blanking	2TLA022301R0700
Orion 1-4-14-135-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1350mm, with muting and blanking	2TLA022301R0800
Orion 1-4-14-150-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1500mm, with muting and blanking	2TLA022301R0900
Orion 1-4-14-165-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1650mm, with muting and blanking	2TLA022301R1000
Orion 1-4-14-180-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 14mm resolution and 1800mm, with muting and blanking	2TLA022301R1100
Orion 1-4-30-030-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 300mm, with muting and blanking	2TLA022303R0100
Orion 1-4-30-045-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 450mm, with muting and blanking	2TLA022303R0200
Orion 1-4-30-060-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 600mm, with muting and blanking	2TLA022303R0300
Orion 1-4-30-075-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 750mm, with muting and blanking	2TLA022303R0400
Orion 1-4-30-090-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 900mm, with muting and blanking	2TLA022303R0500
Orion 1-4-30-105-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1050mm, with muting and blanking	2TLA022303R0600
Orion 1-4-30-120-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1200mm, with muting and blanking	2TLA022303R0700
Orion 1-4-30-135-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1350mm, with muting and blanking	2TLA022303R0800
Orion 1-4-30-150-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1500mm, with muting and blanking	2TLA022303R0900
Orion 1-4-30-165-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1650mm, with muting and blanking	2TLA022303R1000
Orion 1-4-30-180-E	Light curtain (both transmitter and receiver) base model with built in reset and EDM, 30mm resolution and 1800mm, with muting and blanking	2TLA022303R1100

More information

[Orion 1 Extended flyer](#)

[Orion 1 Extended - Product Manual](#)

[Orion connection diagrams](#)

Safety light curtains

Orion



Accessories ordering table

Type	Description	Ordering code
Orion TP-14	Orion Test Piece 14 mm	2TLA022310R5200
Orion TP-30	Orion Test Piece 30 mm	2TLA022310R5300
Orion Laser	Orion Laser pointer	2TLA022310R5000
JSM Orion06	Kit for mounting of Orion 1 & Orion 2 in Stand (4 pieces for lengths shorter than 1200 mm)	2TLA022310R0400
JSM Orion07	Kit for mounting of Orion 1 & Orion 2 in Stand (6 pieces for lengths of 1200 mm or more)	2TLA022310R0500
JSM Orion 10	Kit for mounting of Orion 1 Mirror on wall.	2TLA022310R0800
JSM Orion 11	Kit for mounting of Orion 1 Mirror in Stand	2TLA022310R0900
Orion Stand Plate	Orion Plate kit for adjustment of protective stand	2TLA022312R5000
Orion 1 Mirror*	Deviating mirror to be mounted in Orion Stand with one kit JSM Orion 11	See data sheet
Orion Stand*	Protective stand	See data sheet

More information

- [Orion Stand product sheet](#)
- [Orion 1 Mirror product sheet](#)
- [Orion Laser Original instructions](#)



Accessories ordering table

Type	Description	Ordering code
Smile 11 RA	Smile reset button with NO contact. Used with Sentry or Vital	2TLA030053R0000
Smile 11 RB	Smile reset button with NO contact for Pluto	2TLA030053R0100
OMC1	Connection box for two or four muting sensors	2TLA022316R2000
Mute R2	Retroreflective photoelectric sensor	2TLA022044R0500
JSM64	Adjustable mounting bracket for M18 sensors (e.g. Mute R2)	2TLA040007R0200
JSM66	Fixed mounting bracket for Reflect 1 and 2 (2,5 mm RF A2 painted black)	2TLA022090R1300
Reflect 1	Reflector diameter 63 mm.	2TLA022044R2000
Reflect 2	Reflector diameter 82 mm	2TLA022044R3000

More information

- [OMC1 Muting box product sheet](#)
- [Mute R2 Manual](#)



Special Cables for Orion 1 Extended ordering table

Type	Description	Ordering code
M12-C02PT2T	Transmitter cable for Orion 1 Extended. M12-5 male connector.	2TLA022315R0100
M12-C02PT6RB	Receiver cable for Orion 1 Extended when no muting. M12-12 male connector.	2TLA022315R0200
M12-C02PT62RM	Receiver cable for Orion 1 Extended when muting. M12-5 male connector (for muting sensors) and M12-12 male connector.	2TLA022315R0300
PT-C1PT	Cascade cable for Orion 1 Extended	2TLA022315R1000
PT-C05PT	Cascade cable for Orion 1 Extended	2TLA022315R1100
PT-C005PT	Cascade cable for Orion 1 Extended	2TLA022315R1200



Orion 2 Base Models ordering table

Type	Description	Ordering code
Orion 2-4-K2-050-B	Light grid (both transmitter and receiver) base model with built in reset and EDM, 2 beams with 500mm beam spacing. 500mm height	2TLA022304R0000
Orion 2-4-K3-080-B	Light grid (both transmitter and receiver) base model with built in reset and EDM, 3 beams with 400mm beam spacing. 800mm height	2TLA022304R0100
Orion 2-4-K4-090-B	Light grid (both transmitter and receiver) base model with built in reset and EDM, 4 beams with 300mm beam spacing. 900mm height	2TLA022304R0200
Orion 2-4-K4-120-B	Light grid (both transmitter and receiver) base model with built in reset and EDM, 4 beams with 400mm beam spacing. 1200mm height	2TLA022304R0300

More information

- [Orion 2 Base flyer](#)
- [Orion 2 Base - Product Manual](#)
- [Orion connection diagrams](#)

Safety light curtains

Orion



Spare Parts (included when ordering Orion) ordering table

Type	Description	Ordering code
JSM Orion01	4 standard brackets for Orion 1 & Orion 2	2TLA022310R0000



Accessories ordering table

Type	Description	Ordering code
Orion Laser	Orion Laser pointer	2TLA022310R5000
JSM Orion04	4 rotation brackets for Orion 2	2TLA022310R0200
JSM Orion06	Kit for mounting of Orion 1 & Orion 2 in Stand (4 pieces for lengths shorter than 1200 mm)	2TLA022310R0400
JSM Orion07	Kit for mounting of Orion 1 & Orion 2 in Stand (6 pieces for lengths of 1200 mm or more)	2TLA022310R0500
Orion Stand Plate	Orion Plate kit for adjustment of protective stand	2TLA022312R5000
Orion 1 Mirror*	Deviating mirror to be mounted in Orion Stand with one kit JSM Orion 11	See data sheet
Orion Stand*	Protective stand	See data sheet

More information

[Orion Stand product sheet](#)
[Orion Mirror Kxxx product sheet](#)
[Orion Laser Original instructions](#)



Accessories ordering table

Type	Description	Ordering code
Smile 11 RA	Smile reset button with NO contact. Used with Sentry or Vital	2TLA030053R0000
Smile 11 RB	Smile reset button with NO contact for Pluto	2TLA030053R0100
Smile 11RO2	Smile reset button with NC contacts for Orion 2 Base/Extended and Orion 3 Extended.	2TLA022316R0000
M12-3A	Y-connector for series connection of DYNlink devices with M12-5 connectors, e.g. Eden	2TLA020055R0000
M12-3R	Y-connector for connection of a Smile reset button to Orion	2TLA022316R0000
M12-3D	Y-connector for easy connection of a transmitter	2TLA020055R0300
Tina 10A v2	Adaptation of OSSD to DYNlink. M12-8 connector for OSSD and M12-5 for DYNlink.	2TLA020054R1210
Tina 10B v2	Adaptation of OSSD to DYNlink with possibility to connect a local reset button. M12-8 connector for OSSD and M12-5 for DYNlink and reset.	2TLA020054R1310
Tina 10C v2	Adaptation of OSSD to DYNlink with possibility to power the transmitter. M12-8 connector for OSSD and M12-5 for DYNlink and transmitter.	2TLA020054R1610

Orion 2 Extended Models ordering table

Type	Description	Ordering code
Orion 2-4-K2-050-E	Light grid (both transmitter and receiver) base model with built in reset and EDM, 2 beams with 500mm beam spacing. 500mm height, built in muting.	2TLA022305R0000
Orion 2-4-K3-080-E	Light grid (both transmitter and receiver) base model with built in reset and EDM, 3 beams with 400mm beam spacing. 800mm height, built in muting.	2TLA022305R0100
Orion 2-4-K4-090-E	Light grid (both transmitter and receiver) base model with built in reset and EDM, 4 beams with 300mm beam spacing. 900mm height, built in muting.	2TLA022305R0200
Orion 2-4-K4-120-E	Light grid (both transmitter and receiver) base model with built in reset and EDM, 4 beams with 400mm beam spacing. 1200mm height, built in muting.	2TLA022305R0300

More information

[Orion 2 Extended flyer](#)
[Orion 2 Extended - Product Manual](#)
[Orion connection diagrams](#)

Safety light curtains

Orion



Spare Parts (included when ordering Orion) ordering table

Type	Description	Ordering code
JSM Orion01	4 standard brackets for Orion 1 & Orion 2	2TLA022310R0000

Cables ordering table

Type	Description	Ordering code
M12-CYMUTE	Used for simplifying connection of 2 or 4 muting sensors with the help of the OMC1 connection box.	2TLA022315R3000



Accessories ordering table

Type	Description	Ordering code
Orion Laser	Orion Laser pointer	2TLA022310R5000
JSM Orion04	4 rotation brackets for Orion 2	2TLA022310R0200
JSM Orion06	Kit for mounting of Orion 1 & Orion 2 in Stand (4 pieces for lengths shorter than 1200 mm)	2TLA022310R0400
JSM Orion07	Kit for mounting of Orion 1 & Orion 2 in Stand (6 pieces for lengths of 1200 mm or more)	2TLA022310R0500
Orion Stand Plate	Orion Plate kit for adjustment of protective stand	2TLA022312R5000
Orion 1 Mirror*	Deviating mirror to be mounted in Orion Stand with one kit JSM Orion 11	See data sheet
Orion Stand*	Protective stand	See data sheet

More information

[Orion Stand product sheet](#)

[Orion Mirror Kxxx product sheet](#)

[Orion Laser Original instructions](#)



Accessories ordering table

Type	Description	Ordering code
OMC1	Connection box for two or four muting sensors	2TLA022316R2000
Mute R2	Retroreflective photoelectric sensor	2TLA022044R0500
JSM64	Adjustable mounting bracket for M18 sensors (e.g. Mute R2)	2TLA040007R0200
JSM66	Fixed mounting bracket for Reflect 1 and 2 (2,5 mm RF A2 painted black)	2TLA022090R1300
Reflect 1	Reflector diameter 63 mm.	2TLA022044R2000
Reflect 2	Reflector diameter 82 mm	2TLA022044R3000
Smile 11 RA	Smile reset button with NO contact. Used with Sentry or Vital	2TLA030053R0000
Smile 11 RB	Smile reset button with NO contact for Pluto	2TLA030053R0100
Smile 11RO2	Smile reset button with NC contacts for Orion 2 Base/Extended and Orion 3 Extended.	2TLA022316R0000
M12-3A	Y-connector for series connection of DYNlink devices with M12-5 connectors, e.g. Eden	2TLA020055R0000
M12-3R	Y-connector for connection of a Smile reset button to Orion	2TLA022316R0000
M12-3D	Y-connector for easy connection of a transmitter	2TLA020055R0300
Tina 10A v2	Adaptation of OSSD to DYNlink. M12-8 connector for OSSD and M12-5 for DYNlink.	2TLA020054R1210
Tina 10B v2	Adaptation of OSSD to DYNlink with possibility to connect a local reset button. M12-8 connector for OSSD and M12-5 for DYNlink and reset.	2TLA020054R1310
Tina 10C v2	Adaptation of OSSD to DYNlink with possibility to power the transmitter. M12-8 connector for OSSD and M12-5 for DYNlink and transmitter.	2TLA020054R1610

More information

[OMC1 Muting box product sheet](#)

[Mute R2 Manual](#)



Safety sensors, switches and locks

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Safety sensors, switches and locks

Eden



Adam ordering table

Type	Description	Ordering code
Adam DYN Info	M12-5 for single & series applications, for use in DYNlink circuits	2TLA020051R5100
Adam DYN Status	M12-5, StatusBus for use in DYNlink circuits (Use on Pluto Only)	2TLA020051R5200
Adam C DYN Info	M12-5 for single & series applications, for use in DYNlink circuits, with coated electronics.	2TLA020051R5101
Adam OSSD Into 5	M12-5 for single sensor applications, for use with Safety Relays.	2TLA020051R5400
Adam C OSSD Info 5	M12-5 for single sensor applications, for use with Safety Relays, with coated electronics.	2TLA020051R5401
Adam OSSD Info 8	M12-8 for single & series applications, for use with Safety Relays.	2TLA020051R5700
Adam C OSSD Info 8	M12-8 for single & series applications, for use with Safety Relays, with coated electronics.	2TLA020051R5701



Eva ordering table

Type	Description	Ordering code
Eva General Code	General coded (All coded the same code), for low level coding.	2TLA020046R0800
Eva C General Code	General coded (All coded the same code), for low level coding, with coated electronics.	2TLA020046R0801
Eva Unique Code	Uniquely coded for high level coding.	2TLA020046R0900
Eva C Unique Code	Uniquely coded for high level coding, with coated electronics.	2TLA020046R0901



Accessories ordering table

Type	Description	Ordering code
DA3A	Mounting converting plate from Eden E to Eden OSSD or Eden DYN	2TLA020053R0600
JSM D20	Sliding lock for Eden on conventional doors. (Eden is not included.)	2TLA020302R1000
M12 Safety Seal	Heat shrinking tubes for M12 connectors	2TLA020053R0800
FIXA	Programmer for ASI, Statusbus, Factory default of Adam sensors.	2TLA020072R2000
DA1B	Distance plate in yellow PBT (4 pcs). These are included with main product on delivery	2TLA020053R0700
DA2B	Black distance rings to be mounted in Adam and Eva mounting holes (4 pcs). these are included with main product on delivery	2TLA020053R0300

More information

[Eden flyer](#)

[Eden OSSD product manual](#)

[Eden DYN - Product Manual](#)

Safety sensors, switches and locks

Sense



Sense 1 ordering table

Type	Description	Ordering code
Sense 1	Sense 1, 2m cable, Rt, 2NC/1NO, LED, polyester body.	2TLA050050R4108
Sense 1	Sense 1, 5m cable, Rt, 2NC/1NO, LED, polyester body.	2TLA050050R5108
Sense 1	Sense 1, 10m cable, Rt, 2NC/1NO, LED, polyester body.	2TLA050050R6108
Sense 1	Sense 1, QC cable, Rt, 2NC/1NO, LED, polyester body.	2TLA050050R2108
Sense 1	Sense 1, 2m cable, Lt, 2NC/1NO, LED, polyester body.	2TLA050050R4107
Sense 1	Sense 1, 5m cable, Lt, 2NC/1NO, LED, polyester body.	2TLA050050R5107
Sense 1	Sense 1, 10m cable, Lt, 2NC/1NO, LED, polyester body.	2TLA050050R6107
Sense 1	Sense 1, QC cable, Lt, 2NC/1NO, LED, polyester body.	2TLA050050R2107
Sense 1	Sense 1 Spare Actuator, polyester body.	2TLA050040R0205

More information

[Sense 1 data sheet](#)



Sense 2 ordering table

Type	Description	Ordering code
Sense 2	Sense 2, 2m cable, Rt, 2NC/1NO, polyester body.	2TLA050070R4108
Sense 2	Sense 2, 5m cable, Rt, 2NC/1NO, polyester body.	2TLA050070R5108
Sense 2	Sense 2, 10m cable, Rt, 2NC/1NO, polyester body.	2TLA050070R6108
Sense 2	Sense 2, QC cable, Rt, 2NC/1NO, polyester body.	2TLA050070R2108
Sense 2	Sense 2, 2m cable, Lt, 2NC/1NO, polyester body.	2TLA050070R4107
Sense 2	Sense 2, 5m cable, Lt, 2NC/1NO, polyester body.	2TLA050070R5107
Sense 2	Sense 2, 10m cable, Lt, 2NC/1NO, polyester body.	2TLA050070R6107
Sense 2	Sense 2, QC cable, Lt, 2NC/1NO, polyester body.	2TLA050070R2107
Sense 2	Sense 2, M8 QC, Rt, 2NC, polyester body.	2TLA050070R3108
Sense 2	Sense 2, M8 QC, Lt, 2NC, polyester body.	2TLA050070R3107
Sense 2	Sense 2 Spare Actuator, polyester body.	2TLA050040R0217

More information

[Sense 2 data sheet](#)



Sense 3 ordering table

Type	Description	Ordering code
Sense 3	Sense 3, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050052R4100
Sense 3	Sense 3, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050052R5100
Sense 3	Sense 3, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050052R6100
Sense 3	Sense 3, QC cable, 2NC/1NO, LED, polyester body.	2TLA050052R2100
Sense 3	Sense 3 Spare Actuator, polyester body.	2TLA050040R0206

More information

[Sense 3 data sheet](#)



Sense 3Z ordering table

Type	Description	Ordering code
Sense 3Z	Sense 3Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R4120
Sense 3Z	Sense 3Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R5120
Sense 3Z	Sense 3Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R6120
Sense 3Z	Sense 3Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R2120
Sense 3Z	Sense 3Z Spare Actuator, stainless steel body.	2TLA050040R0207

More information

[Sense 3Z data sheet](#)

Safety sensors, switches and locks

Sense



Sense 3Z Food ordering table

Type	Description	Ordering code
Sense 3Z Food	Sense 3Z Food, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R4150
Sense 3Z Food	Sense 3Z Food, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R5150
Sense 3Z Food	Sense 3Z Food, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R6150
Sense 3Z Food	Sense 3Z Food, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050052R2150
Sense 3Z Food	Sense 3Z Food Spare Actuator, stainless steel body.	2TLA050040R0208

More information

[Sense 3Z Food data sheet](#)



Sense 4 ordering table

Type	Description	Ordering code
Sense 4	Sense 4, 2m cable, Rt, 2NC/1NO, polyester body.	2TLA050072R4100
Sense 4	Sense 4, 5m cable, Rt, 2NC/1NO, polyester body.	2TLA050072R5100
Sense 4	Sense 4, 10m cable, Rt, 2NC/1NO, polyester body.	2TLA050072R6100
Sense 4	Sense 4, QC cable, Rt, 2NC/1NO, polyester body.	2TLA050072R2100

More information

[Sense 4 data sheet](#)



Sense 4Z ordering table

Type	Description	Ordering code
Sense 4Z	Sense 4Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R4120
Sense 4Z	Sense 4Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R5120
Sense 4Z	Sense 4Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R6120
Sense 4Z	Sense 4Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R2120
Sense 4Z	Sense 4Z Spare Actuator, stainless steel body.	2TLA050040R0231

More information

[Sense 4Z data sheet](#)



Sense 4Z Food ordering table

Type	Description	Ordering code
Sense 4Z Food	Sense 4Z Food, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R4150
Sense 4Z Food	Sense 4Z Food, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R5150
Sense 4Z Food	Sense 4Z Food, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R6150
Sense 4Z Food	Sense 4Z Food, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050072R2150

More information

[Sense 4Z Food data sheet](#)



Sense 5 ordering table

Type	Description	Ordering code
Sense 5	Sense 5, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050054R4100
Sense 5	Sense 5, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050054R5100
Sense 5	Sense 5, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050054R6100
Sense 5	Sense 5, QC cable, 2NC/1NO, LED, polyester body.	2TLA050054R2100
Sense 5	Sense 5 Spare Actuator, polyester body.	2TLA050040R0209

More information

[Sense 5 data sheet](#)

Safety sensors, switches and locks

Sense



Sense 5Z ordering table

Type	Description	Ordering code
Sense 5Z	Sense 5Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050054R4120
Sense 5Z	Sense 5Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050054R5120
Sense 5Z	Sense 5Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050054R6120
Sense 5Z	Sense 5Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050054R2120
Sense 5Z	Sense 5Z Spare Actuator, stainless steel body.	2TLA050040R0210

More information

[Sense 5Z data sheet](#)



Sense 6 ordering table

Type	Description	Ordering code
Sense 6	Sense 6, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050074R4100
Sense 6	Sense 6, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050074R5100
Sense 6	Sense 6, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050074R6100
Sense 6	Sense 6, QC cable, 2NC/1NO, LED, polyester body.	2TLA050074R2100
Sense 6	Sense 6 Spare Actuator, polyester body.	2TLA050040R0233

More information

[Sense 6 data sheet](#)



Sense 6Z ordering table

Type	Description	Ordering code
Sense 6Z	Sense 6Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050074R4120
Sense 6Z	Sense 6Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050074R5120
Sense 6Z	Sense 6Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050074R6120
Sense 6Z	Sense 6Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050074R2120

More information

[Sense 6Z data sheet](#)



Sense 7 ordering table

Type	Description	Ordering code
Sense 7	Sense 7, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050056R4100
Sense 7	Sense 7, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050056R5100
Sense 7	Sense 7, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050056R6100
Sense 7	Sense 7, QC cable, 2NC/1NO, LED, polyester body.	2TLA050056R2100
Sense 7	Sense 7 Spare Actuator, polyester body.	2TLA050040R0211

More information

[Sense 7 data sheet](#)



Sense 7Z ordering table

Type	Description	Ordering code
Sense 7Z	Sense 7Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050056R4120
Sense 7Z	Sense 7Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050056R5120
Sense 7Z	Sense 7Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050056R6120
Sense 7Z	Sense 7Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050056R2120
Sense 7Z	Sense 7Z Spare Actuator, stainless steel body.	2TLA050040R0212

More information

[Sense 7Z data sheet](#)

Safety sensors, switches and locks

Sense



Sense 8 ordering table

Type	Description	Ordering code
Sense 8	Sense 8, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050076R4100
Sense 8	Sense 8, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050076R5100
Sense 8	Sense 8, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050076R6100
Sense 8	Sense 8, QC cable, 2NC/1NO, LED, polyester body.	2TLA050076R2100
Sense 8	Sense 8 Spare Actuator, polyester body.	2TLA050040R0235

More information

[Sense 8 data sheet](#)



Sense 8Z ordering table

Type	Description	Ordering code
Sense 8Z	Sense 8Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050076R4120
Sense 8Z	Sense 8Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050076R5120
Sense 8Z	Sense 8Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050076R6120
Sense 8Z	Sense 8Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050076R2120

More information

[Sense 8Z data sheet](#)



Sense 9 ordering table

Type	Description	Ordering code
Sense 9	Sense 9, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050058R4100
Sense 9	Sense 9, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050058R5100
Sense 9	Sense 9, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050058R6100
Sense 9	Sense 9, QC cable, 2NC/1NO, LED, polyester body.	2TLA050058R2100
Sense 9	Sense 9 Spare Actuator, polyester body.	2TLA050040R0213

More information

[Sense 9 data sheet](#)



Sense 9Z ordering table

Type	Description	Ordering code
Sense 9Z	Sense 9Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R4120
Sense 9Z	Sense 9Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R5120
Sense 9Z	Sense 9Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R6120
Sense 9Z	Sense 9Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R2120
Sense 9Z	Sense 9Z Spare Actuator, stainless steel body.	2TLA050040R0214

More information

[Sense 9Z data sheet](#)



Sense 9Z Food ordering table

Type	Description	Ordering code
Sense 9Z Food	Sense 9Z Food, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R4150
Sense 9Z Food	Sense 9Z Food, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R5150
Sense 9Z Food	Sense 9Z Food, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R6150
Sense 9Z Food	Sense 9Z Food, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050058R2150

More information

[Sense 9Z Food data sheet](#)

Safety sensors, switches and locks

Sense



Sense 10 ordering table

Type	Description	Ordering code
Sense 10	Sense 10, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050078R4100
Sense 10	Sense 10, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050078R5100
Sense 10	Sense 10, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050078R6100
Sense 10	Sense 10, QC cable, 2NC/1NO, LED, polyester body.	2TLA050078R2100
Sense 10	Sense 10 Spare Actuator, polyester body.	2TLA050040R0237

More information

[Sense 10 data sheet](#)



Sense 10Z ordering table

Type	Description	Ordering code
Sense 10Z	Sense 10Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R4120
Sense 10Z	Sense 10Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R5120
Sense 10Z	Sense 10Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R6120
Sense 10Z	Sense 10Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R2120

More information

[Sense 10Z data sheet](#)



Sense 10Z Food ordering table

Type	Description	Ordering code
Sense 10Z Food	Sense 10Z Food, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R4150
Sense 10Z Food	Sense 10Z Food, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R5150
Sense 10Z Food	Sense 10Z Food, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R6150
Sense 10Z Food	Sense 10Z Food, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050078R2150

More information

[Sense 10Z Food data sheet](#)



Sense 11 ordering table

Type	Description	Ordering code
Sense 11	Sense 11, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050060R4100
Sense 11	Sense 11, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050060R5100
Sense 11	Sense 11, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050060R6100
Sense 11	Sense 11, QC cable, 2NC/1NO, LED, polyester body.	2TLA050060R2100
Sense 11	Sense 11 Spare Actuator, polyester body.	2TLA050040R0215

More information

[Sense 11 data sheet](#)



Sense 11Z ordering table

Type	Description	Ordering code
Sense 11Z	Sense 11Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050060R4120
Sense 11Z	Sense 11Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050060R5120
Sense 11Z	Sense 11Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050060R6120
Sense 11Z	Sense 11Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050060R2120
Sense 11Z	Sense 11Z Spare Actuator, stainless steel body.	2TLA050040R0216

More information

[Sense 11Z data sheet](#)

Safety sensors, switches and locks

Sense



Sense 12 ordering table

Type	Description	Ordering code
Sense 12	Sense 11, 2m cable, 2NC/1NO, LED, polyester body.	2TLA050080R4100
Sense 12	Sense 11, 5m cable, 2NC/1NO, LED, polyester body.	2TLA050080R5100
Sense 12	Sense 11, 10m cable, 2NC/1NO, LED, polyester body.	2TLA050080R6100
Sense 12	Sense 11, QC cable, 2NC/1NO, LED, polyester body.	2TLA050080R2100

More information

[Sense 12 data sheet](#)



Sense 12Z ordering table

Type	Description	Ordering code
Sense 12Z	Sense 12Z, 2m cable, 2NC/1NO, LED, stainless steel body.	2TLA050080R4120
Sense 12Z	Sense 12Z, 5m cable, 2NC/1NO, LED, stainless steel body.	2TLA050080R5120
Sense 12Z	Sense 12Z, 10m cable, 2NC/1NO, LED, stainless steel body.	2TLA050080R6120
Sense 12Z	Sense 12Z, QC cable, 2NC/1NO, LED, stainless steel body.	2TLA050080R2120

More information

[Sense 12Z data sheet](#)

Safety sensors, switches and locks

Magne

Ordering details

For a complete Magne lock both door part and frame parts are necessary.
Magne 4 also requires a separate Eva sensor.



Magne ordering table

Type	Description	Ordering code
Magne 3X	Magne 3X, No Safety Sensor, 5 pin M12 Connector.	2TLA042022R2700
Magne 4X DYN	Magne 4 with Adam DYNlink, 5 Pin M12 Connector.	2TLA042022R3000
Magne 4 DYN-Info	Magne 4 with Adam DYNlink, 8 Pin M12 Connector.	2TLA042022R3400
Magne 4 DYN Info 2	Magne 4 with Eden DYNlink, 8 Pin M12 Connector, separate lock and closed outputs.	2TLA042022R3410
Magne 4 OSSD-Info	Magne 4 with Adam OSSD, 8 Pin M12 Connector.	2TLA042022R4600



Accessories ordering table

Type	Description	Ordering code
JSM D28	Aluminum profile for door handle that completely covers a Magne unit when the door is closed. For conventional door (5-15 mm door gap).	2TLA042023R0100
JSM D21C	Mounting kit for Magne. For conventional door (5-15 mm door gap).	2TLA042023R0510
JSM D23C	Mounting kit for Magne. For sliding doors.	2TLA042023R0210
JSM D24	Mounting kit for Eva. For conventional doors.	2TLA042023R0300
JSM D27	Door handle for JSM D21C.	2TLA042023R1000
Tina 12A	Connection block for serial connection of two Magne (M12-8).	2TLA020054R1800
Magne rubber 1B	Cellular rubber, 10 mm thick. Spare part for Magne Anchor plate.	2TLA042023R3610



Anchor Plate ordering table

Type	Description	Ordering code
Magne Anchor 32D	Anchor plate without permanent magnet. Delivered with Magne rubber.	2TLA042023R0410
Magne Anchor 32E	Anchor plate with permanent magnet. Delivered with Magne rubber.	2TLA042023R0420

Eva for Magne 4 models ordering table

Type	Description	Ordering code
Eva General Code	General coded (All coded the same code), for low level coding.	2TLA020046R0800
Eva Unique Code	Uniquely coded for high level coding.	2TLA020046R0900

More information

[Magne flyer](#)

[Magne 3 and 4 - Product Manual](#)

Safety sensors, switches and locks

MKEY



MKEY 1 ordering table

Type	Description	Ordering code
MKEY1	MKEY 1, ½ NPT, 2NC/1NO, Angle Key, polyester body and head.	2TLA050021R1100
MKEY1	MKEY 1, ½ NPT, 2NC/1NO, Flat Key, polyester body and head.	2TLA050021R1200
MKEY1	MKEY 1, ½ NPT, 2NC/1NO, Flex Key, 2NC/1NO	2TLA050021R1300
MKEY1	Flex Key, stainless steel	2TLA050040R0223
MKEY1	Flat Key, stainless steel	2TLA050040R0222
MKEY1	Angled Key, stainless steel	2TLA050040R0200

More information

[MKEY 1 data sheet](#)



MKEY 2 ordering table

Type	Description	Ordering code
MKEY2	MKEY 2, ½ NPT, 2NC/1NO, Leaf Actuator, polyester body, stainless steel actuator.	2TLA050020R1000

More information

[MKEY 2 data sheet](#)



MKEY 4(+) ordering table

Type	Description	Ordering code
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, No Key, polyester body and head.	2TLA050001R1000
MKEY 4	MKEY 4 ½ NPT, 2NC/1NO, Standard Key, polyester body and head.	2TLA050001R1100
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Flat Key, polyester body and head.	2TLA050001R1200
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and head.	2TLA050001R1300
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and head.	2TLA050001R1400
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and head.	2TLA050001R1500
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and head.	2TLA050001R1001
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and head.	2TLA050001R1101
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and head.	2TLA050001R1201
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and head.	2TLA050001R1301
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and head.	2TLA050001R1401
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and head.	2TLA050001R1501
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, No Key, polyester body and stainless-steel head.	2TLA050001R1010
MKEY 4	MKEY 4 ½ NPT, 2NC/1NO, Standard Key, polyester body and stainless-steel head.	2TLA050001R1110
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Flat Key, polyester body and stainless-steel head.	2TLA050001R1210
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and stainless-steel head.	2TLA050001R1310
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and stainless-steel head.	2TLA050001R1410
MKEY 4	MKEY 4, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and stainless-steel head.	2TLA050001R1510
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and stainless-steel head.	2TLA050001R1011
MKEY 4+	MKEY 4+ ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and stainless-steel head.	2TLA050001R1111
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and stainless-steel head.	2TLA050001R1211
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and stainless-steel head.	2TLA050001R1311
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and stainless-steel head.	2TLA050001R1411
MKEY 4+	MKEY 4+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and stainless-steel head.	2TLA050001R1511
MKEY 4	Standard Key, stainless steel	2TLA050040R0202
MKEY 4	Flex Key with metal housing, stainless steel	2TLA050040R0203
MKEY 4	Flex Key with stainless steel housing, stainless steel	2TLA050040R0204
MKEY 4	Flat Key, stainless steel	2TLA050040R0220
MKEY 4	½ NPT Cable Gland, stainless steel	2TLA050040R0001

More information

[MKEY 4 data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 5(+) ordering table

Type	Description	Ordering code
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, No Key, polyester body and head.	2TLA050003R1000
MKEY 5	MKEY 5 ½ NPT, 2NC/1NO, Standard Key, polyester body and head.	2TLA050003R1100
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Flat Key, polyester body and head.	2TLA050003R1200
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and head.	2TLA050003R1300
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and head.	2TLA050003R1400
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and head.	2TLA050003R1500
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and head.	2TLA050003R1001
MKEY 5+	MKEY 5+ ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and head.	2TLA050003R1101
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and head.	2TLA050003R1201
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and head.	2TLA050003R1301
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and head.	2TLA050003R1401
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and head.	2TLA050003R1501
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, No Key, polyester body and stainless-steel head.	2TLA050003R1010
MKEY 5	MKEY 5 ½ NPT, 2NC/1NO, Standard Key, polyester body and stainless-steel head.	2TLA050003R1110
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Flat Key, polyester body and stainless-steel head.	2TLA050003R1210
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and stainless-steel head.	2TLA050003R1310
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and stainless-steel head.	2TLA050003R1410
MKEY 5	MKEY 5, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and stainless-steel head.	2TLA050003R1510
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and stainless-steel head.	2TLA050003R1011
MKEY 5+	MKEY 5+ ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and stainless-steel head.	2TLA050003R1111
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and stainless-steel head.	2TLA050003R1211
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and stainless-steel head.	2TLA050003R1311
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and stainless-steel head.	2TLA050003R1411
MKEY 5+	MKEY 5+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and stainless-steel head.	2TLA050003R1511
MKEY 5	Standard Key, stainless steel	2TLA050040R0202
MKEY 5	Flex Key with metal housing, stainless steel	2TLA050040R0203
MKEY 5	Flex Key with stainless steel housing, stainless steel	2TLA050040R0204
MKEY 5	Flat Key, stainless steel	2TLA050040R0220
MKEY 5	½ NPT Cable Gland, stainless steel	2TLA050040R0001

More information

[MKEY 5 data sheet](#)



MKEY 5Z(+) ordering table

Type	Description	Ordering code
MKEY 5Z	MKEY 5Z, ½ NPT, 2NC/1NO, No Key, stainless-steel body and head.	2TLA050003R1020
MKEY 5Z	MKEY 5Z ½ NPT, 2NC/1NO, Standard Key, stainless-steel body and head.	2TLA050003R1120
MKEY 5Z	MKEY 5Z, ½ NPT, 2NC/1NO, Flat Key, stainless-steel body and head.	2TLA050003R1220
MKEY 5Z	MKEY 5Z, ½ NPT, 2NC/1NO, Plastic Flex Key, stainless-steel body and head.	2TLA050003R1320
MKEY 5Z	MKEY 5Z, ½ NPT, 2NC/1NO, Metal Flex Key, stainless-steel body and head.	2TLA050003R1420
MKEY 5Z	MKEY 5Z, ½ NPT, 2NC/1NO, SS Flex Key, stainless-steel body and head.	2TLA050003R1520
MKEY 5Z+	MKEY 5Z+, ½ NPT, 2NC/1NO, No Key, 40N, stainless-steel body and head.	2TLA050003R1021
MKEY 5Z+	MKEY 5Z+ ½ NPT, 2NC/1NO, Standard Key, 40N, stainless-steel body and head.	2TLA050003R1121
MKEY 5Z+	MKEY 5Z+, ½ NPT, 2NC/1NO, Flat Key, 40N, stainless-steel body and head.	2TLA050003R1221
MKEY 5Z+	MKEY 5Z+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, stainless-steel body and head.	2TLA050003R1321
MKEY 5Z+	MKEY 5Z+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, stainless-steel body and head.	2TLA050003R1421
MKEY 5Z+	MKEY 5Z+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, stainless-steel body and head.	2TLA050003R1521
MKEY 5Z	Standard Key, stainless steel	2TLA050040R0202
MKEY 5Z	Flex Key with metal housing, stainless steel	2TLA050040R0203
MKEY 5Z	Flex Key with stainless steel housing, stainless steel	2TLA050040R0204
MKEY 5Z	Flat Key, stainless steel	2TLA050040R0220
MKEY 5Z	½ NPT Cable Gland, stainless steel	2TLA050040R0001

More information

[MKEY 5Z data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 6(+) ordering table

Type	Description	Ordering code
MKEY 6	MKEY 6 ½ NPT, 2NC/1NO, No Key, polyester body and head.	2TLA050005R1030
MKEY 6	MKEY 6 ½ NPT, 2NC/1NO, Standard Key, polyester body and head.	2TLA050005R1130
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Flat Key, polyester body and head.	2TLA050005R1230
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and head.	2TLA050005R1330
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and head.	2TLA050005R1430
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and head.	2TLA050005R1530
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and head.	2TLA050005R1031
MKEY 6+	MKEY 6+ ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and head.	2TLA050005R1131
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and head.	2TLA050005R1231
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and head.	2TLA050005R1331
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and head.	2TLA050005R1431
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and head.	2TLA050005R1531
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, No Key, polyester body and stainless-steel head.	2TLA050005R1040
MKEY 6	MKEY 6 ½ NPT, 2NC/1NO, Standard Key, polyester body and stainless-steel head.	2TLA050005R1140
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Flat Key, polyester body and stainless-steel head.	2TLA050005R1240
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Plastic Flex Key, polyester body and stainless-steel head.	2TLA050005R1340
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, Metal Flex Key, polyester body and stainless-steel head.	2TLA050005R1440
MKEY 6	MKEY 6, ½ NPT, 2NC/1NO, SS Flex Key, polyester body and stainless-steel head.	2TLA050005R1540
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, No Key, 40N, polyester body and stainless-steel head.	2TLA050005R1041
MKEY 6+	MKEY 6+ ½ NPT, 2NC/1NO, Standard Key, 40N, polyester body and stainless-steel head.	2TLA050005R1141
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Flat Key, 40N, polyester body and stainless-steel head.	2TLA050005R1241
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, polyester body and stainless-steel head.	2TLA050005R1341
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, polyester body and stainless-steel head.	2TLA050005R1441
MKEY 6+	MKEY 6+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, polyester body and stainless-steel head.	2TLA050005R1541
MKEY 6	Standard Key, stainless steel	2TLA050040R0202
MKEY 6	Flex Key with metal housing, stainless steel	2TLA050040R0203
MKEY 6	Flex Key with stainless steel housing, stainless steel	2TLA050040R0204
MKEY 6	Flat Key, stainless steel	2TLA050040R0220
MKEY 6	½ NPT Cable Gland, stainless steel	2TLA050040R0001

More information

[MKEY 6 data sheet](#)



MKEY 6Z(+) ordering table

Type	Description	Ordering code
MKEY 6Z	MKEY 6Z, ½ NPT, 2NC/1NO, No Key, stainless-steel body and head.	2TLA050005R1020
MKEY 6Z	MKEY 6Z ½ NPT, 2NC/1NO, Standard Key, stainless-steel body and head.	2TLA050005R1120
MKEY 6Z	MKEY 6Z, ½ NPT, 2NC/1NO, Flat Key, stainless-steel body and head.	2TLA050005R1220
MKEY 6Z	MKEY 6Z, ½ NPT, 2NC/1NO, Plastic Flex Key, stainless-steel body and head.	2TLA050005R1320
MKEY 6Z	MKEY 6Z, ½ NPT, 2NC/1NO, Metal Flex Key, stainless-steel body and head.	2TLA050005R1420
MKEY 6Z	MKEY 6Z, ½ NPT, 2NC/1NO, SS Flex Key, stainless-steel body and head.	2TLA050005R1520
MKEY 6Z+	MKEY 6Z+, ½ NPT, 2NC/1NO, No Key, 40N, stainless-steel body and head.	2TLA050005R1021
MKEY 6Z+	MKEY 6Z+ ½ NPT, 2NC/1NO, Standard Key, 40N, stainless-steel body and head.	2TLA050005R1121
MKEY 6Z+	MKEY 6Z+, ½ NPT, 2NC/1NO, Flat Key, 40N, stainless-steel body and head.	2TLA050005R1221
MKEY 6Z+	MKEY 6Z+, ½ NPT, 2NC/1NO, Plastic Flex Key, 40N, stainless-steel body and head.	2TLA050005R1321
MKEY 6Z+	MKEY 6Z+, ½ NPT, 2NC/1NO, Metal Flex Key, 40N, stainless-steel body and head.	2TLA050005R1421
MKEY 6Z+	MKEY 6Z+, ½ NPT, 2NC/1NO, SS Flex Key, 40N, stainless-steel body and head.	2TLA050005R1521
MKEY 6Z	Standard Key, stainless steel.	2TLA050040R0202
MKEY 6Z	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 6Z	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 6Z	Flat Key, stainless steel.	2TLA050040R0220
MKEY 6Z	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 6Z data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 8 ordering table

Type	Description	Ordering code
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, die cast body and head.	2TLA050011R1032
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, die cast body and head.	2TLA050011R1033
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, die cast body and head.	2TLA050011R1034
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, die cast body and head.	2TLA050011R1132
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, die cast body and head.	2TLA050011R1133
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, die cast body and head.	2TLA050011R1134
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, die cast body and head.	2TLA050011R1232
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, die cast body and head.	2TLA050011R1233
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, die cast body and head.	2TLA050011R1234
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, die cast body and head.	2TLA050011R1432
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, die cast body and head.	2TLA050011R1433
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, die cast body and head.	2TLA050011R1434
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, die cast body and head.	2TLA050011R1532
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, die cast body and head.	2TLA050011R1533
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, die cast body and head.	2TLA050011R1534
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, SS Head, die cast body.	2TLA050011R1042
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, SS Head, die cast body.	2TLA050011R1043
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, SS Head, die cast body.	2TLA050011R1044
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, SS Head, die cast body.	2TLA050011R1142
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, SS Head, die cast body.	2TLA050011R1143
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, SS Head, die cast body.	2TLA050011R1144
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, SS Head, die cast body.	2TLA050011R1242
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, SS Head, die cast body.	2TLA050011R1243
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, SS Head, die cast body.	2TLA050011R1244
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, SS Head, die cast body.	2TLA050011R1442
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, SS Head, die cast body.	2TLA050011R1443
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, SS Head, die cast body.	2TLA050011R1444
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, SS Head, die cast body.	2TLA050011R1542
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, SS Head, die cast body.	2TLA050011R1543
MKEY 8	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, SS Head, die cast body.	2TLA050011R1544
MKEY 8	Standard Key, stainless steel.	2TLA050040R0202
MKEY 8	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 8	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 8	Flat Key, stainless steel.	2TLA050040R0220
MKEY 8	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 8 data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 8M ordering table

Type	Description	Ordering code
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, No Key, die cast body and head.	2TLA050013R1032
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, No Key, die cast body and head.	2TLA050013R1033
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, No Key, die cast body and head.	2TLA050013R1034
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, die cast body and head.	2TLA050013R1132
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, die cast body and head.	2TLA050013R1133
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, die cast body and head.	2TLA050013R1134
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, die cast body and head.	2TLA050013R1232
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, die cast body and head.	2TLA050013R1233
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, die cast body and head.	2TLA050013R1234
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, die cast body and head.	2TLA050013R1432
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, die cast body and head.	2TLA050013R1433
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, die cast body and head.	2TLA050013R1434
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, die cast body and head.	2TLA050013R1532
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, die cast body and head.	2TLA050013R1533
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, die cast body and head.	2TLA050013R1534
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, No Key, SS Head, die cast body.	2TLA050013R1042
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, No Key, SS Head, die cast body.	2TLA050013R1043
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, No Key, SS Head, die cast body.	2TLA050013R1044
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, SS Head, die cast body.	2TLA050013R1142
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, SS Head, die cast body.	2TLA050013R1143
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, SS Head, die cast body.	2TLA050013R1144
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, SS Head, die cast body.	2TLA050013R1242
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, SS Head, die cast body.	2TLA050013R1243
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, SS Head, die cast body.	2TLA050013R1244
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, SS Head, die cast body.	2TLA050013R1442
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, SS Head, die cast body.	2TLA050013R1443
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, SS Head, die cast body.	2TLA050013R1444
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, SS Head, die cast body.	2TLA050013R1542
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, SS Head, die cast body.	2TLA050013R1543
MKEY 8M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, SS Head, die cast body.	2TLA050013R1544
MKEY 8M	Standard Key, stainless steel.	2TLA050040R0202
MKEY 8M	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 8M	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 8M	Flat Key, stainless steel.	2TLA050040R0220
MKEY 8M	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 8M data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 8Z ordering table

Type	Description	Ordering code
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, stainless steel body and head.	2TLA050011R1022
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, stainless steel body and head.	2TLA050011R1023
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, stainless steel body and head.	2TLA050011R1024
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, stainless steel body and head.	2TLA050011R1122
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, stainless steel body and head.	2TLA050011R1123
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, stainless steel body and head.	2TLA050011R1124
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, stainless steel body and head.	2TLA050011R1222
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, stainless steel body and head.	2TLA050011R1223
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, stainless steel body and head.	2TLA050011R1224
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, stainless steel body and head.	2TLA050011R1422
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, stainless steel body and head.	2TLA050011R1522
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, stainless steel body and head.	2TLA050011R1523
MKEY 8Z	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, stainless steel body and head.	2TLA050011R1524
MKEY 8Z	Standard Key, stainless steel.	2TLA050040R0202
MKEY 8Z	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 8Z	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 8Z	Flat Key, stainless steel.	2TLA050040R0220
MKEY 8Z	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 8Z data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 8ER and 8ERZ ordering table

Type	Description	Ordering code
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, die cast body and head.	2TLA050015R1032
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, die cast body and head.	2TLA050015R1033
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, die cast body and head.	2TLA050015R1034
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, die cast body and head.	2TLA050015R1132
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, die cast body and head.	2TLA050015R1133
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, die cast body and head.	2TLA050015R1134
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, die cast body and head.	2TLA050015R1232
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, die cast body and head.	2TLA050015R1233
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, die cast body and head.	2TLA050015R1234
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, die cast body and head.	2TLA050015R1432
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, die cast body and head.	2TLA050015R1433
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, die cast body and head.	2TLA050015R1434
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, die cast body and head.	2TLA050015R1532
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, die cast body and head.	2TLA050015R1533
MKEY 8ER	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, die cast body and head.	2TLA050015R1534
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, stainless steel body and head.	2TLA050015R1022
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, stainless steel body and head.	2TLA050015R1023
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, stainless steel body and head.	2TLA050015R1024
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, stainless steel body and head.	2TLA050015R1122
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, stainless steel body and head.	2TLA050015R1123
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, stainless steel body and head.	2TLA050015R1124
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, stainless steel body and head.	2TLA050015R1222
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, stainless steel body and head.	2TLA050015R1223
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, stainless steel body and head.	2TLA050015R1224
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, stainless steel body and head.	2TLA050015R1422
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, stainless steel body and head.	2TLA050015R1423
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, stainless steel body and head.	2TLA050015R1424
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, stainless steel body and head.	2TLA050015R1522
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, stainless steel body and head.	2TLA050015R1523
MKEY 8ERZ	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, stainless steel body and head.	2TLA050015R1524
MKEY 8ER(Z)	Standard Key, stainless steel.	2TLA050040R0202
MKEY 8ER(Z)	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 8ER(Z)	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 8ER(Z)	Flat Key, stainless steel.	2TLA050040R0220
MKEY 8ER(Z)	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 8ER and 8ERZ data sheet](#)

Safety sensors, switches and locks

MKEY



MKEY 9 ordering table

Type	Description	Ordering code
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 24VDC, No Key, polyester body and SS head.	2TLA050007R1012
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 115VAC, No Key, polyester body and SS head.	2TLA050007R1013
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 230VAC, No Key, polyester body and SS head.	2TLA050007R1014
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, polyester body and SS head.	2TLA050007R1112
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, polyester body and SS head.	2TLA050007R1113
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, polyester body and SS head.	2TLA050007R1114
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, polyester body and SS head.	2TLA050007R1212
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, polyester body and SS head.	2TLA050007R1213
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, polyester body and SS head.	2TLA050007R1214
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, polyester body and SS head.	2TLA050007R1412
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, polyester body and SS head.	2TLA050007R1413
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, polyester body and SS head.	2TLA050007R1414
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, polyester body and SS head.	2TLA050007R1512
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, polyester body and SS head.	2TLA050007R1513
MKEY 9	Spring lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, polyester body and SS head.	2TLA050007R1514
MKEY 9	Standard Key, stainless steel.	2TLA050040R0202
MKEY 9	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 9	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 9	Flat Key, stainless steel.	2TLA050040R0220
MKEY 9	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 9 data sheet](#)



MKEY 9M ordering table

Type	Description	Ordering code
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, No Key, polyester body and SS head.	2TLA050009R1012
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, No Key, polyester body and SS head.	2TLA050009R1013
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, No Key, polyester body and SS head.	2TLA050009R1014
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Standard Key, polyester body and SS head.	2TLA050009R1112
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Standard Key, polyester body and SS head.	2TLA050009R1113
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Standard Key, polyester body and SS head.	2TLA050009R1114
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Flat Key, polyester body and SS head.	2TLA050009R1212
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Flat Key, polyester body and SS head.	2TLA050009R1213
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Flat Key, polyester body and SS head.	2TLA050009R1214
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, Metal Flex Key, polyester body and SS head.	2TLA050009R1412
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, Metal Flex Key, polyester body and SS head.	2TLA050009R1413
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, Metal Flex Key, polyester body and SS head.	2TLA050009R1414
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 24VDC, SS Flex Key, polyester body and SS head.	2TLA050009R1512
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 115VAC, SS Flex Key, polyester body and SS head.	2TLA050009R1513
MKEY 9M	Power to Lock, ½ NPT, 2NC/2NO, 230VAC, SS Flex Key, polyester body and SS head.	2TLA050009R1514
MKEY 9M	Standard Key, stainless steel.	2TLA050040R0202
MKEY 9M	Flex Key with metal housing, stainless steel.	2TLA050040R0203
MKEY 9M	Flex Key with stainless steel housing, stainless steel.	2TLA050040R0204
MKEY 9M	Flat Key, stainless steel.	2TLA050040R0220
MKEY 9M	½ NPT Cable Gland, stainless steel.	2TLA050040R0001

More information

[MKEY 9M data sheet](#)

Safety sensors, switches and locks

MKEY RFID

Ordering details

Note that an actuator is not included, so a key needs to be ordered separately.



MKEY RFID ordering table

Type	Description	Ordering code
MKEY9RF	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, OSSD outputs, 24 V solenoid, plastic body and SS head, no key, power to unlock.	2TLA050007R0602
MKEY9RFQC	Mechanical Solenoid Safety Switch, RFID, M12-8 QC, OSSD outputs, 24 V solenoid, plastic body and SS head, no key, power to unlock.	2TLA050007R2602
MKEY8RF	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, OSSD outputs, 24 V solenoid, Die Cast body and head, no key, power to unlock.	2TLA050011R0612
MKEY8RFQC	Mechanical Solenoid Safety Switch, RFID, M12-8 QC, OSSD outputs, 24 V solenoid, Die Cast body and head, no key, power to unlock.	2TLA050011R2612
MKEY8ZRF	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, OSSD outputs, 24 V solenoid, Stainless Steel body and head, no key, power to unlock.	2TLA050011R0622
MKEY8ZRFQC	Mechanical Solenoid Safety Switch, RFID, M12-8 QC, OSSD outputs, 24 V solenoid, Stainless Steel body and head, no key, power to unlock.	2TLA050011R2622
MKEY10RF	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, OSSD outputs, 24 V solenoid, Die Cast body and SS head, no key, power to unlock, mounting for 4 buttons.	2TLA050012R0612
MKEY10RFER	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, OSSD outputs, 24 V solenoid, Die Cast body and SS head, no key, power to unlock, Rear Release and mounting for 4 buttons.	2TLA050012R0652

Buttons from the Compact range of ABB Pilot Devices are suitable, see Pilot Devices Catalog for selection.

Accessories ordering table

Type	Description	Ordering code
Key	Standard MKey RFID key	2TLA050040R0240
Key	Flexible MKey RFID key	2TLA050040R0241
Slide Bolt	Slide bolt left hand for MKey8RF and MKey9RF, Standard actuator (included).	2TLA050040R0503
Slide Bolt	Slide bolt right hand for MKey8RF and MKey9RF, Standard actuator (included).	2TLA050040R0504
Slide Bolt	Slide bolt left hand for MKey10RF and MKey10RFER, Standard actuator (included).	2TLA050040R0505
Slide Bolt	Slide bolt right hand for MKey10RF and MKey10RFER, Standard actuator (included).	2TLA050040R0506
Rotary Handle	Die cast rotary handle left hand for MKey8RF and MKey9RF, Standard actuator(included).	2TLA050040R0600
Rotary Handle	Die cast rotary handle right hand for MKey8RF and MKey9RF, Standard actuator(included).	2TLA050040R0601
Rotary Handle	Die cast rotary handle left hand for MKey10RF and MKey10RFER, Standard actuator(included).	2TLA050040R0604
Rotary Handle	Die cast rotary handle right hand for MKey10RF and MKey10RFER, Standard actuator(included).	2TLA050040R0605
Rotary Handle	Stainless steel rotary handle left hand, Standard actuator(included).	2TLA050040R0602
Rotary Handle	Stainless steel rotary handle right hand, Standard actuator(included).	2TLA050040R0603
Rear Escape Handle	Rear escape handle die cast left.	2TLA050040R0610
Rear Escape Handle	Rear escape handle die cast right.	2TLA050040R0612
Rear Escape Handle	Rear escape handle stainless steel left.	2TLA050040R0611
Rear Escape Handle	Rear escape handle stainless steel right.	2TLA050040R0613
Rear Handle	RHS GKey MKey Handle accessory.	2TLA050040R0510
Spring Loaded Catch	SCS GKey MKey Handle accessory.	2TLA050040R0511

More information

[MKey RFID](#)

[Product manual - MKey RFID](#)

Safety sensors, switches and locks

GKEY

Ordering details

For a complete safety lock, a switch and a mounting plate with front handle must be ordered separately. Rear handle, spring catch, pilot devices and blanking plugs for the unused positions are available and also ordered separately.



GKEY ordering table

All models are fitted with an escape release button and delivered with a high-level coded RFID actuator.

Type	Description	Ordering code
GKEY	Mechanical Solenoid Safety Switch, RFID, M20 cable entry, 2NC/2NO, 24 V solenoid, die cast body and SS head, no key, power to unlock.	2TLA050304R0002



Accessories ordering table

All models are fitted with an escape release button and delivered with a high-level coded RFID actuator.

Type	Description	Ordering code
FHS Gkey 4	Sliding handle, made of tie cast, comes with mounting plate, for hinged and sliding doors, can be mounted on the left or the right.	2TLA050310R0032
Rear Handle	RHS GKey MKey Handle accessory.	2TLA050040R0510
Spring Loaded Catch	SCS GKey MKey Handle accessory.	2TLA050040R0511

Buttons from the Compact range of ABB Pilot Devices are suitable, see Pilot Devices Catalog for selection.

More information

[GKey Safety Lock Datasheet](#)

[GKey Product Manual](#)

Safety control devices

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Safety control devices

JSHD4



JSJD4 ordering table

To order a complete JSJD4, a top part and a bottom part must be included.

Type	Description	Ordering code
JSJD4-1	Top part with no LEDs, no buttons.	2TLA020006R2100
JSJD4-2	Top part with LEDs, front and top buttons.	2TLA020006R2200
JSJD4-3	Top part with LEDs, no buttons.	2TLA020006R2300
JSJD4-4	Top part with LEDs, front button.	2TLA020006R2400
JSJD4-5	Top part with LEDs, top button.	2TLA020006R2500
AA Bottom	Bottom part with cable gland	2TLA020005R1000
AB Bottom	Bottom part with Cannon connector	2TLA020005R1100
AC Bottom	Bottom part with M12-5 connector	2TLA020005R1200
AD Bottom	Bottom part with M12-8 connector	2TLA020005R1300
AH Bottom	Bottom part with cable gland and PCB with 10 screw terminals	2TLA020005R1700
AJ Bottom	Bottom part with cable gland and PCB with 16 screw terminals	2TLA020005R1800
AK Bottom	Bottom part with cannon connector (replacement of former JSJD4)	2TLA020005R1900
AL Bottom	Bottom part with cable gland and holder for Eva	2TLA020005R2000

Accessories ordering table

Type	Description	Ordering code
JSM55	JSM 55 Wall bracket for three position devices.	2TLA040005R0500
JSM5B	JSM 5B Wall bracket for 2 pcs MKey5 interlock switches.	2TLA040005R0700
JSM54A	JSM 54A Wall bracket for Adam. Used with AL bottom part that has a holder for Eva.	2TLA020205R2800
JSM50G	JSM 50G Bracket for key switches.	2TLA020205R6300
JSM50H	JSM 50H Bracket for Eden sensor.	2TLA020205R6400
JSJD4 Coat	JSJD4 protection coat.	2TLA020200R4600

3 position buttons ordering table

Type	Description	Ordering code
JSJD4H2	Thress position device for internal panel mounting, 6 leads at 150mm long.	2TLA020002R3100
JSJD4H2A	Thress position device for external panel mounting, 6 leads at 150mm long.	2TLA020002R0200
JSJD2C	Type E, three position button, gold plated contacts, three leads 190mm long, 20N of force.	2TLA020001R1000
JSJD2C	Type A, three position button, gold plated contacts, three leads 190mm long, 17N of force.	2TLA020001R1100
JSJD2C	Type K, three position button, silver plated contacts, three leads 190mm long, 20N of force.	2TLA020001R1300
JSJD2C	Type F, three position button, gold plated contacts, three leads 1250mm long, 20N of force.	2TLA020001R1400

More information

[JSJD4 Flyer - US](#)

[JSJD4 Product manual](#)

Safety control devices

HD5



HD5 ordering table

Type	Description	Ordering code
HD5-S-102	Three-position enabling device. With front auxiliary button. M23-12 male connector.	2TLA023001R0000
HD5-S-104	Three-position enabling device. With 1 front and 2 top auxiliary buttons, M23-12 male connector.	2TLA023001R0200
HD5-S-111	Three-position enabling device. With emergency stop button, 1 front and 2 top auxiliary buttons, flashlight, home position sensor, motion sensor. M23-19 male connector.	2TLA023001R0100
HD5-B-101	Top part with LEDs, front button.	2TLA920502R0003
HD5-B-102	Top part with LEDs, top button.	2TLA920502R0004



HD5 Accessories ordering table

Type	Description	Ordering code
HD5-M-001	Active holder (for home position sensor)	2TLA920509R0001
HD5-M-002	Passive holder	2TLA920509R0002
JSD-TK5-12	5 m cable with M23-12 female connector	2TLA930050R0000
JSD-TK10-12	10 m cable with M23-12 female connector	2TLA930051R0000
M23-SPC12-05/25	0.5/2.5 m spiral cable with M23-12 female connector	2TLA023100R0000
M23-SPC12-10/50	1/5 m spiral cable with M23-12 female connector	2TLA023200R0000
JSD-TK100S-12	10 m spiral cable with M23-12 female connector	2TLA930034R0000
JSD-TK5-19	5 m cable with M23-19 female connector	2TLA930057R0000
JSD-TK10-19	10 m cable with M23-19 female connector	2TLA930058R0000
M23-STC12-0250	25 m cable with M23-19 female connector	2TLA023300R0000
M23-SPC19-05/25	0.5/2.5 m spiral cable with M23-19 female connector	2TLA023400R0000
M23-SPC19-10/50	1/5 m spiral cable with M23-19 female connector	2TLA023500R0000
M12-C51-ASi	5 m unshielded cable with M12-5 female connector	2TLA910093R0000
M12-C251S-ASi	2.5 m unshielded spiral cable with M12-5 female connector	2TLA910094R0000

More information

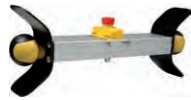
[HD5 flyer](#)

[HD5-S - original instructions](#)

[HD5-B - Original instructions](#)

Safety control devices

Safeball



Safeball ordering table

Type	Description	Ordering code
JSTD1-A	1 NO and 1 NC independent switches, maximum load of 30 V DC - 2A resistive. IP67 protection, plastic body, 2-meter molded cable.	2TLA020007R3000
JSTD1-B	1 NO and 1 NC independent switches, maximum load of 30 V DC - 2A resistive. IP67 protection, plastic body, 0.2 M wires x 4 for direct connection into an enclosure.	2TLA020007R3100
JSTD1-C	1 NO and 1 NC independent switches, maximum load of 30 V DC - 2A resistive. IP67 protection, plastic body, 10-meter molded cable.	2TLA020007R3200
JSTD1-E	2 NO independent switches, maximum load of 30 V DC - 2A resistive. IP67 protection, plastic body, 0.2 M wires x 4 for direct connection into an enclosure.	2TLA020007R3400
JSTD25F	JSTD25F with (2) JSTD1-B pre-wired to a M12 5-pin connector with protective flanges for the Safeballs	2TLA020007R6000
JSTD25H	JSTD25H with (2) JSTD1-B pre-wired to a M12 8-pin connector with protective flanges for the Safeballs	2TLA020007R6300
JSTD25G	JSTD25G with (2) JSTD1-B pre-wired to a M12 8-pin connector, emergency stop with protective flanges for the Safeballs	2TLA020007R6900



Accessories ordering table

Type	Description	Ordering code
JSMC5	Mounting bracket for JSTD1 with orientation possibility (ball joint)	2TLA020007R0900
JSMC7	Suspension shelf for JSTD25F/H/K	2TLA020007R1200
Safeball coat	Protection coat for Safeball	2TLA020007R1900

More information

[Safeball flyer](#)

[Safeball Original instructions](#)

Emergency stops and pilot devices

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Emergency stops and pilot devices

Smile and Inca



Smile and Inca ordering table

Type	Description	Ordering code
Smile 10 EA Tina	Emergency stop (red) in an enclosure, 1m cable out of bottom, for use in DYNlink circuits.	2TLA030050R0400
Smile 11 EA Tina	Emergency stop (red) in an enclosure, Status LED, 1 x M12 5-pin male connector, for use in DYNlink circuits.	2TLA030050R0000
Smile 11 SA Tina	Safety stop (black) in an enclosure, Status LED, 1 x M12 5-pin male connector, for use in DYNlink circuits.	2TLA030050R0500
Smile 11 EC Tina	Emergency stop (red) in an enclosure, Status LED, 1 x M12 5-pin male connector, for use in DYNlink circuits, with statusbus, for use with Pluto Safety PLC.	2TLA030050R0900
Smile 12 EA Tina	Emergency stop (red) in an enclosure, Status LED, 1 x M12 5-pin male connector and 1 x M12 5-pin female connector, for use in DYNlink circuits.	2TLA030050R0200
Smile 10 EA	Emergency stop (red) in an enclosure, 1m cable out of bottom, for use with safety relays.	2TLA030051R0400
Smile 10 EK	Emergency stop (red) in an enclosure, 2 x NC, 1m leads out of bottom, for use with safety relays.	2TLA030051R0600
Smile 11 EA	Emergency stop (red) in an enclosure, 2 x NC, Status LED, 1 x M12 5-pin male connector, for use with safety relays.	2TLA030051R0000
Smile 11 SA	Safety stop (black) in an enclosure, 2 x NC, Status LED, 1 x M12 5-pin male connector, for use with safety relays.	2TLA030051R0900
Smile 12 EA	Emergency stop (red) in an enclosure, 2 x NC, Status LED, 1 x M12 5-pin male connector and 1 x M12 5-pin female connector, for use with safety relays.	2TLA030051R0200
Smile 11EAR Tina	Emergency stop (red) in an enclosure for panel mounting, 2 x NC, Status LED, 1 x M12 5-pin male connector and 1 x M12 5-pin female connector, for use with safety relays.	2TLA030050R0100
Smile 11EAR	Emergency stop (red) in an enclosure for panel mounting, Status LED, 1 x M12 5-pin male connector and 1 x M12 5-pin female connector, for use in DYNlink circuits.	2TLA030051R0100
Inca 1 Tina v2	Emergency stop (red) button for panel mounting, 22.5 mm holes, Status LED in button, terminal block with screw terminals, for use in DYNlink circuits.	2TLA030054R0010
Inca 1 EC Tina	Emergency stop (red) button for panel mounting, 22.5 mm holes, Status LED in button, terminal block with screw terminals, for use in DYNlink circuits, with Statusbus, for use with Pluto Safety PLC.	2TLA030054R1400
Inca 1	Emergency stop (red) button for panel mounting, 22.5 mm holes, 2 x NC, Status LED, terminal block with screw terminals, for use with safety relays.	2TLA030054R0100
Inca 1S Tina v2	Safety stop (black) button for panel mounting, 22.5 mm holes, Status LED in button, terminal block with screw terminals, for use in DYNlink circuits.	2TLA030054R0210
Inca 1S	Safety stop (black) button for panel mounting, 22.5 mm holes, 2 x NC, Status LED, terminal block with screw terminals, for use with safety relays.	2TLA030054R0300
Smile 11RA	Reset button in an enclosure, 1 button + LED with colored lens covers, 1 x M12 5-pin male connector. For use with Vital/Safety Relays	2TLA030053R0000
Smile 11RB	Reset button in an enclosure, 1 button + LED with colored lens covers, 1 x M12 5-pin male connector. For use with Pluto	2TLA030053R0100
Smile 41 EWWWP	Smile 41 push-button box with an emergency stop (red), 3 push-buttons and kit of colored lens covers, for use with Pluto	2TLA030057R0100

Accessories ordering table

Type	Description	Ordering code
Surround for Inca	Yellow surround for Inca	2TLA030054R0400
E-Sign 22.5	Emergency stop sign, yellow, no text, for INCA (22.5mm)	2TLA030054R0900
E-Sign 32.5	Emergency stop sign, yellow, no text, for Smile (32.5mm)	2TLA030054R1000
JST2	Termination plug for Smile 12 (also required for unused connectors on OCB-2A)	2TLA030051R1300
M12-3A	M12 Y-connector for series connection of DYNlink devices such as Eden, Smile, Inca and Tina.	2TLA020055R0000
M12-3S	M12 Y-connector for series connection of DYNlink devices with the StatusBus function.	2TLA020055R0600
Colored Filters	Kit of colored filters (yellow, green, white, blue, red)	2TLA030059R2600

More information

[E-Stops flyer](#)

[INCA product manual](#)

[INCA Tina product manual](#)

[Smile product manual](#)

[Smile Tina Original instructions](#)

[Smile Reset Original instructions](#)

[Smile 41 Manual](#)

Emergency stops and pilot devices

EStrong



EStrong ordering table

Type	Description	Ordering code
EStrong	EStrong, ½ NPT cable entry, 2NC/2NO, stainless steel housing.	2TLA050220R1020
EStrong	EStrong, ½ NPT cable entry, with protection shroud, 2NC/2NO, stainless steel housing.	2TLA050220R1422
EStrong	EStrong, ½ NPT cable entry, 24VDC LED, 2NC/2NO, stainless steel housing.	2TLA050220R1222
EStrong	EStrong, ½ NPT cable entry, 115VAC LED, 2NC/2NO, stainless steel housing.	2TLA050220R1223
EStrong	EStrong, ½ NPT cable entry, 230VAC LED, 2NC/2NO, stainless steel housing.	2TLA050220R1224

Accessories ordering table

Type	Description	Ordering code
Accessory	1/2 NPT 316 SS Cable Gland	2TLA050040R0001

More information

[Estrong Emergency Stop Data Sheet USA](#)

[EStrong-series - Original instructions](#)

Emergency stops and pilot devices

LineStrong



LineStrong 1 ordering table

Type	Description	Ordering code
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, die cast housing.	2TLA050200R1030
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, Estop, die cast housing.	2TLA050200R1130
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, 24VDC LED, die cast housing.	2TLA050200R1232
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, 110VAC LED, die cast housing.	2TLA050200R1233
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, 230VAC LED, die cast housing.	2TLA050200R1234
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, Estop, 24VDC LED, die cast housing.	2TLA050200R1332
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, Estop, 110VAC LED, die cast housing.	2TLA050200R1333
LineStrong 1	LineStrong 1, ½ NPT cable entry, 2NC/2NO, Estop, 230VAC LED, die cast housing.	2TLA050200R1334

More information

[LineStrong 1 Data Sheet USA](#)



LineStrong 2 ordering table

Type	Description	Ordering code
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, die cast housing.	2TLA050202R1030
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, Estop, die cast housing.	2TLA050202R1130
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, 24VDC LED, die cast housing.	2TLA050202R1232
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, 110VAC LED, die cast housing.	2TLA050202R1233
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, 230VAC LED, die cast housing.	2TLA050202R1234
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, Estop, 24VDC LED, die cast housing.	2TLA050202R1332
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, Estop, 110VAC LED, die cast housing.	2TLA050202R1333
LineStrong 2	Linestrong 2, ½ NPT cable entry, 2NC/2NO, Estop, 230VAC LED, die cast housing.	2TLA050202R1334

More information

[LineStrong 2 Data Sheet USA](#)



LineStrong 2Z ordering table

Type	Description	Ordering code
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, stainless steel housing.	2TLA050202R1020
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, Estop, stainless steel housing.	2TLA050202R1120
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, 24VDC LED, stainless steel housing.	2TLA050202R1222
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, 110VAC LED, stainless steel housing.	2TLA050202R1223
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, 230VAC LED, stainless steel housing.	2TLA050202R1224
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, Estop, 24VDC LED, stainless steel housing.	2TLA050202R1322
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, Estop, 110VAC LED, stainless steel housing.	2TLA050202R1323
LineStrong 2Z	Linestrong 2Z, ½ NPT cable entry, 2NC/2NO, Estop, 230VAC LED, stainless steel housing.	2TLA050202R1324

More information

[LineStrong 2Z Data Sheet USA](#)



LineStrong 3D ordering table

Type	Description	Ordering code
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, die cast housing.	2TLA050204R1030
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, Estop, die cast housing.	2TLA050204R1130
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, 24VDC LED, die cast housing.	2TLA050204R1232
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, 110VAC LED, die cast housing.	2TLA050204R1233
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, 230VAC LED, die cast housing.	2TLA050204R1234
LineStrong 3D	LineStrong 3D, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, die cast housing.	2TLA050204R1332
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, die cast housing.	2TLA050204R1333
LineStrong 3D	LineStrong 3D, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, die cast housing.	2TLA050204R1334

More information

[LineStrong 3D Data Sheet USA](#)

Emergency stops and pilot devices

LineStrong



LineStrong 3DZ ordering table

Type	Description	Ordering code
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, stainless steel housing.	2TLA050204R1020
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, Estop, stainless steel housing.	2TLA050204R1120
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, 24VDC LED, stainless steel housing.	2TLA050204R1222
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, 110VAC LED, stainless steel housing.	2TLA050204R1223
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, 230VAC LED, stainless steel housing.	2TLA050204R1224
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, stainless steel housing.	2TLA050204R1322
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, stainless steel housing.	2TLA050204R1323
LineStrong 3DZ	LineStrong 3DZ, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, stainless steel housing.	2TLA050204R1324

More information

[LineStrong 3DZ Data Sheet USA](#)



LineStrong 3L and R ordering table

Type	Description	Ordering code
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, die cast housing.	2TLA050206R1030
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, Estop, die cast housing.	2TLA050206R1130
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, 24VDC LED, die cast housing.	2TLA050206R1232
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, 110VAC LED, die cast housing.	2TLA050206R1233
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, 230VAC LED, die cast housing.	2TLA050206R1234
LineStrong 3L	LineStrong 3L, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, die cast housing.	2TLA050206R1332
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, die cast housing.	2TLA050206R1333
LineStrong 3L	LineStrong 3L, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, die cast housing.	2TLA050206R1334
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, die cast housing.	2TLA050208R1030
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, Estop, die cast housing.	2TLA050208R1130
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, 24VDC LED, die cast housing.	2TLA050208R1232
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, 110VAC LED, die cast housing.	2TLA050208R1233
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, 230VAC LED, die cast housing.	2TLA050208R1234
LineStrong 3R	LineStrong 3R, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, die cast housing	2TLA050208R1332
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, die cast housing.	2TLA050208R1333
LineStrong 3R	LineStrong 3R, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, die cast housing.	2TLA050208R1334

More information

[LineStrong 3L and 3R Data Sheet USA](#)



LineStrong 3LZ and RZ ordering table

Type	Description	Ordering code
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, stainless steel housing.	2TLA050206R1020
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, Estop, stainless steel housing.	2TLA050206R1120
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, 24VDC LED, stainless steel housing.	2TLA050206R1222
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, 110VAC LED, stainless steel housing.	2TLA050206R1223
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, 230VAC LED, stainless steel housing.	2TLA050206R1224
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, stainless steel housing.	2TLA050206R1322
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, stainless steel housing.	2TLA050206R1323
LineStrong 3LZ	LineStrong 3LZ, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, stainless steel housing.	2TLA050206R1324
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, stainless steel housing.	2TLA050208R1020
LineStrong 3Rz	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, Estop, stainless steel housing.	2TLA050208R1120
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, 24VDC LED, stainless steel housing.	2TLA050208R1222
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, 110VAC LED, stainless steel housing.	2TLA050208R1223
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, 230VAC LED, stainless steel housing.	2TLA050208R1224
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry 4NC/2NO, Estop, 24VDC LED, stainless steel housing.	2TLA050208R1322
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, Estop, 110VAC LED, stainless steel housing.	2TLA050208R1323
LineStrong 3RZ	LineStrong 3RZ, ½ NPT cable entry, 4NC/2NO, Estop, 230VAC LED, stainless steel housing.	2TLA050208R1324

More information

[LineStrong 3LZ and 3RZ Data Sheet USA](#)

Safety control devices

LineStrong



Accessories ordering table

Type	Description	Ordering code
Accessory	½ NPT Cable Gland	2TLA050040R0001
Accessory	5M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0020
Accessory	10M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0120
Accessory	15M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0220
Accessory	20M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0320
Accessory	30M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0420
Accessory	50M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0520
Accessory	80M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0620
Accessory	100M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0720
Accessory	126M Rope Kit, Stainless Steel with Allen Key	2TLA050210R0820
Accessory	5M Rope Kit, Galvanized with Allen Key	2TLA050210R0030
Accessory	10M Rope Kit, Galvanized with Allen Key	2TLA050210R0130
Accessory	15M Rope Kit, Galvanized with Allen Key	2TLA050210R0230
Accessory	20M Rope Kit, Galvanized with Allen Key	2TLA050210R0330
Accessory	30M Rope Kit, Galvanized with Allen Key	2TLA050210R0430
Accessory	50M Rope Kit, Galvanized with Allen Key	2TLA050210R0530
Accessory	80M Rope Kit, Galvanized with Allen Key	2TLA050210R0630
Accessory	100M Rope Kit, Galvanized. with Allen Key	2TLA050210R0730
Accessory	126M Rope Kit, Galvanized with Allen Key	2TLA050210R0830
Accessory	Rope Tensioner, Stainless Steel	2TLA050210R4020
Accessory	Rope Tensioner, Galvanized	2TLA050210R4030
Accessory	Eyebolt M8x1.25, Stainless Steel	2TLA050210R8020
Accessory	Eyebolt M8x1.25, Galvanized	2TLA050210R8030
Accessory	Pully, Stainless Steel	2TLA050210R6020
Accessory	Pully, Galvanized	2TLA050210R6030
Accessory	LED Green/Red 24 VDC	2TLA050211R0001
Accessory	LED Green/Red 110 VAC	2TLA050211R0002
Accessory	LED Green/Red 230VAC	2TLA050211R0003
Accessory	Safety Spring. 220mm long	2TLA050211R0004
Accessory	E-Stop Button	2TLA050211R0005
Accessory	Anti-Tamper, Torx T20	2TLA050211R0006
Accessory	Flexible Roller with Adjustment	2TLA858006R1300

More information

[LineStrong - Original instructions](#)

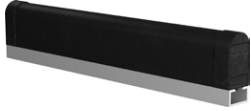
Pressure sensitive devices

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Pressure sensitive devices

TT Safety edge

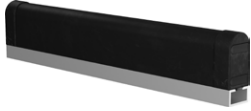


Accessories ordering table

Type	Description	Ordering code
TT 25-30 TPE	Safety Edge 25-30, 12" w/rail,5m cables	2TLA858008R5400
TT 25-30 TPE	Safety Edge 25-30, 13" w/rail,5m cables	2TLA858008R5500
TT 25-30 TPE	Safety Edge 25-30, 14" w/rail,5m cables	2TLA858008R5600
TT 25-30 TPE	Safety Edge 25-30, 15" w/rail,5m cables	2TLA858008R5700
TT 25-30 TPE	Safety Edge 25-30, 16" w/rail,5m cables	2TLA858008R5800
TT 25-30 TPE	Safety Edge 25-30, 17" w/rail,5m cables	2TLA858008R5900
TT 25-30 TPE	Safety Edge 25-30, 18" w/rail,5m cables	2TLA858008R6000
TT 25-30 TPE	Safety Edge 25-30, 19" w/rail,5m cables	2TLA858008R6100
TT 25-30 TPE	Safety Edge 25-30, 20" w/rail,5m cables	2TLA858008R6200
TT 25-30 TPE	Safety Edge 25-30, 21" w/rail,5m cables	2TLA858008R6300
TT 25-30 TPE	Safety Edge 25-30, 22" w/rail,5m cables	2TLA858008R6400
TT 25-30 TPE	Safety Edge 25-30, 23" w/rail,5m cables	2TLA858008R6500
TT 25-30 TPE	Safety Edge 25-30, 24" w/rail,5m cables	2TLA858008R6600
TT 25-30 TPE	Safety Edge 25-30, 25" w/rail,5m cables	2TLA858008R6700
TT 25-30 TPE	Safety Edge 25-30, 26" w/rail,5m cables	2TLA858008R6800
TT 25-30 TPE	Safety Edge 25-30, 27" w/rail,5m cables	2TLA858008R6900
TT 25-30 TPE	Safety Edge 25-30, 28" w/rail,5m cables	2TLA858008R7000
TT 25-30 TPE	Safety Edge 25-30, 29" w/rail,5m cables	2TLA858008R7100
TT 25-30 TPE	Safety Edge 25-30, 30" w/rail,5m cables	2TLA858008R7200
TT 25-30 TPE	Safety Edge 25-30, 31" w/rail,5m cables	2TLA858008R7300
TT 25-30 TPE	Safety Edge 25-30, 32" w/rail,5m cables	2TLA858008R7400
TT 25-30 TPE	Safety Edge 25-30, 33" w/rail,5m cables	2TLA858008R7500
TT 25-30 TPE	Safety Edge 25-30, 34" w/rail,5m cables	2TLA858008R7600
TT 25-30 TPE	Safety Edge 25-30, 35" w/rail,5m cables	2TLA858008R7700
TT 25-30 TPE	Safety Edge 25-30, 36" w/rail,5m cables	2TLA858008R7800
TT 25-30 TPE	Safety Edge 25-30, 37" w/rail,5m cables	2TLA858008R7900
TT 25-30 TPE	Safety Edge 25-30, 38" w/rail,5m cables	2TLA858008R8000
TT 25-30 TPE	Safety Edge 25-30, 39" w/rail,5m cables	2TLA858008R8100
TT 25-30 TPE	Safety Edge 25-30, 40" w/rail,5m cables	2TLA858008R8200
TT 25-30 TPE	Safety Edge 25-30, 41" w/rail,5m cables	2TLA858008R8300
TT 25-30 TPE	Safety Edge 25-30, 42" w/rail,5m cables	2TLA858008R8400
TT 25-30 TPE	Safety Edge 25-30, 43" w/rail,5m cables	2TLA858008R8500
TT 25-30 TPE	Safety Edge 25-30, 44" w/rail,5m cables	2TLA858008R8600
TT 25-30 TPE	Safety Edge 25-30, 45" w/rail,5m cables	2TLA858008R8700
TT 25-30 TPE	Safety Edge 25-30, 46" w/rail,5m cables	2TLA858008R8800
TT 25-30 TPE	Safety Edge 25-30, 47" w/rail,5m cables	2TLA858008R8900
TT 25-30 TPE	Safety Edge 25-30, 48" w/rail,5m cables	2TLA858008R9000
TT 25-45 TPE	Safety Edge 25-45, 12" w/rail,5m cables	2TLA858008R9100
TT 25-45 TPE	Safety Edge 25-45, 13" w/rail,5m cables	2TLA858008R9200
TT 25-45 TPE	Safety Edge 25-45, 14" w/rail,5m cables	2TLA858008R9300
TT 25-45 TPE	Safety Edge 25-45, 15" w/rail,5m cables	2TLA858008R9400
TT 25-45 TPE	Safety Edge 25-45, 16" w/rail,5m cables	2TLA858008R9500
TT 25-45 TPE	Safety Edge 25-45, 17" w/rail,5m cables	2TLA858008R9600
TT 25-45 TPE	Safety Edge 25-45, 18" w/rail,5m cables	2TLA858008R9700
TT 25-45 TPE	Safety Edge 25-45, 19" w/rail,5m cables	2TLA858008R9800
TT 25-45 TPE	Safety Edge 25-45, 20" w/rail,5m cables	2TLA858008R9900
TT 25-45 TPE	Safety Edge 25-45, 21" w/rail,5m cables	2TLA858009R0000
TT 25-45 TPE	Safety Edge 25-45, 22" w/rail,5m cables	2TLA858009R0100
TT 25-45 TPE	Safety Edge 25-45, 23" w/rail,5m cables	2TLA858009R0200
TT 25-45 TPE	Safety Edge 25-45, 24" w/rail,5m cables	2TLA858009R0300

Pressure sensitive devices

TT Safety edge



Accessories ordering table (continued)

Type	Description	Ordering code
TT 25-45 TPE	Safety Edge 25-45, 25" w/rail,5m cables	2TLA858009R0400
TT 25-45 TPE	Safety Edge 25-45, 26" w/rail,5m cables	2TLA858009R0500
TT 25-45 TPE	Safety Edge 25-45, 27" w/rail,5m cables	2TLA858009R0600
TT 25-45 TPE	Safety Edge 25-45, 28" w/rail,5m cables	2TLA858009R0700
TT 25-45 TPE	Safety Edge 25-45, 29" w/rail,5m cables	2TLA858009R0800
TT 25-45 TPE	Safety Edge 25-45, 30" w/rail,5m cables	2TLA858009R0900
TT 25-45 TPE	Safety Edge 25-45, 31" w/rail,5m cables	2TLA858009R1000
TT 25-45 TPE	Safety Edge 25-45, 32" w/rail,5m cables	2TLA858009R1100
TT 25-45 TPE	Safety Edge 25-45, 33" w/rail,5m cables	2TLA858009R1200
TT 25-45 TPE	Safety Edge 25-45, 34" w/rail,5m cables	2TLA858009R1300
TT 25-45 TPE	Safety Edge 25-45, 35" w/rail,5m cables	2TLA858009R1400
TT 25-45 TPE	Safety Edge 25-45, 36" w/rail,5m cables	2TLA858009R1500
TT 25-45 TPE	Safety Edge 25-45, 37" w/rail,5m cables	2TLA858009R1600
TT 25-45 TPE	Safety Edge 25-45, 38" w/rail,5m cables	2TLA858009R1700
TT 25-45 TPE	Safety Edge 25-45, 39" w/rail,5m cables	2TLA858009R1800
TT 25-45 TPE	Safety Edge 25-45, 40" w/rail,5m cables	2TLA858009R1900
TT 25-45 TPE	Safety Edge 25-45, 41" w/rail,5m cables	2TLA858009R2000
TT 25-45 TPE	Safety Edge 25-45, 42" w/rail,5m cables	2TLA858009R2100
TT 25-45 TPE	Safety Edge 25-45, 43" w/rail,5m cables	2TLA858009R2200
TT 25-45 TPE	Safety Edge 25-45, 44" w/rail,5m cables	2TLA858009R2300
TT 25-45 TPE	Safety Edge 25-45, 45" w/rail,5m cables	2TLA858009R2400
TT 25-45 TPE	Safety Edge 25-45, 46" w/rail,5m cables	2TLA858009R2500
TT 25-45 TPE	Safety Edge 25-45, 47" w/rail,5m cables	2TLA858009R2600
TT 25-45 TPE	Safety Edge 25-45, 48" w/rail,5m cables	2TLA858009R2700

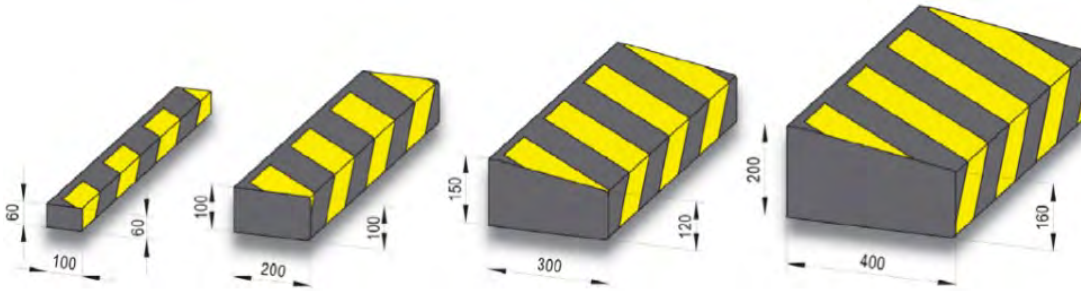
More information

[TT-Series Safety Edge Data Sheet USA](#)

Pressure sensitive devices

ASB Safety bumpers

Step 1 – choose style 60mm x 100mm, 100mm x 200mm, 150mm x 300mm or 200mm x 400mm.



Step 2 – choose length 60mm x 100mm, 100mm x 200mm, 150mm x 300mm or 200mm x 400mm.

Step 3 – Email into Jokab.service@us.abb.com to get pricing.

More information

[Safety bumper product manual](#)

Pressure sensitive devices

ASK Safety mats



Accessories ordering table

Type	Description	Ordering code
ASK-U	Safety Mat 12" x 12", 10m cable, without built in ramp rail	2TLA858003R2800
ASK-U	Safety Mat 24" x 24", 10m cable, without built in ramp rail	2TLA858002R3800
ASK-U	Safety Mat 24" x 30", 10m cable, without built in ramp rail	2TLA858002R3900
ASK-U	Safety Mat 24" x 36", 10m cable, without built in ramp rail	2TLA858002R4000
ASK-U	Safety Mat 24" x 42", 10m cable, without built in ramp rail	2TLA858002R4100
ASK-U	Safety Mat 24" x 48", 10m cable, without built in ramp rail	2TLA858002R4200
ASK-U	Safety Mat 24" x 60", 10m cable, without built in ramp rail	2TLA858002R4300
ASK-U	Safety Mat 30" x 30", 10m cable, without built in ramp rail	2TLA858002R4400
ASK-U	Safety Mat 30" x 36", 10m cable, without built in ramp rail	2TLA858002R4500
ASK-U	Safety Mat 30" x 42", 10m cable, without built in ramp rail	2TLA858002R4600
ASK-U	Safety Mat 30" x 48", 10m cable, without built in ramp rail	2TLA858002R4700
ASK-U	Safety Mat 36" x 36", 10m cable, without built in ramp rail	2TLA858002R4800
ASK-U	Safety Mat 36" x 42", 10m cable, without built in ramp rail	2TLA858002R4900
ASK-U	Safety Mat 36" x 48", 10m cable, without built in ramp rail	2TLA858002R5000
ASK-U	Safety Mat 36" x 60", 10m cable, without built in ramp rail	2TLA858002R5100
ASK-U	Safety Mat 42" x 42", 10m cable, without built in ramp rail	2TLA858002R5200
ASK-U	Safety Mat 42" x 48", 10m cable, without built in ramp rail	2TLA858002R5300
ASK-U	Safety Mat 48" x 48", 10m cable, without built in ramp rail	2TLA858002R5400
ASK-U	Safety Mat 48" x 60", 10m cable, without built in ramp rail	2TLA858002R5500
ASK-T	Safety Mat 12" x 12", 10m cable, with built in ramp rail	2TLA858003R2900
ASK-T	Safety Mat 24" x 24", 10m cable, with built in ramp rail	2TLA858002R5600
ASK-T	Safety Mat 24" x 30", 10m cable, with built in ramp rail	2TLA858002R5700
ASK-T	Safety Mat 24" x 36", 10m cable, with built in ramp rail	2TLA858002R5800
ASK-T	Safety Mat 24" x 42", 10m cable, with built in ramp rail	2TLA858002R5900
ASK-T	Safety Mat 24" x 48", 10m cable, with built in ramp rail	2TLA858002R6000
ASK-T	Safety Mat 24" x 60", 10m cable, with built in ramp rail	2TLA858002R6100
ASK-T	Safety Mat 30" x 30", 10m cable, with built in ramp rail	2TLA858002R6200
ASK-T	Safety Mat 30" x 36", 10m cable, with built in ramp rail	2TLA858002R6300
ASK-T	Safety Mat 30" x 42", 10m cable, with built in ramp rail	2TLA858002R6400
ASK-T	Safety Mat 30" x 48", 10m cable, with built in ramp rail	2TLA858002R6500
ASK-T	Safety Mat 36" x 36", 10m cable, with built in ramp rail	2TLA858002R6600
ASK-T	Safety Mat 36" x 42", 10m cable, with built in ramp rail	2TLA858002R6700
ASK-T	Safety Mat 36" x 48", 10m cable, with built in ramp rail	2TLA858002R6800
ASK-T	Safety Mat 36" x 60", 10m cable, with built in ramp rail	2TLA858002R6900
ASK-T	Safety Mat 42" x 42", 10m cable, with built in ramp rail	2TLA858002R7000
ASK-T	Safety Mat 42" x 48", 10m cable, with built in ramp rail	2TLA858002R7100
ASK-T	Safety Mat 48" x 48", 10m cable, with built in ramp rail	2TLA858002R7200
ASK-T	Safety Mat 48" x 60", 10m cable, with built in ramp rail	2TLA858002R7300
Accessory	Trim Corner Connector	2TLA858002R7400
Accessory	Aluminum Trim 4-foot piece	2TLA858009R2800
Accessory	Aluminum Trim 7-foot piece	2TLA858009R2900

NOTE: Custom mats available. Contact ABB for pricing.

More information

[ASK Safety Mat Data Sheet USA](#)
[Safety Mat Product Manual](#)

Cables and connectors

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Cables and connectors

Cables and connectors



M12-C101



M12-C102



M12-C01



C8 cable 500m

Accessories ordering table

Type	Description	Ordering code
M12-C31	M12-5 Female single ended cable, 3m length.	2TLA020056R0500
M12-C61	M12-5 Female single ended cable, 6m length.	2TLA020056R0000
M12-C61V2	M12-5 90 Degree Female single ended cable, 6m length.	2TLA020056R0600
M12-C61HE	M12-5 Female single ended cable, 6m length, Harsh environment, halogen free.	2TLA020056R8000
M12-C101	M12-5 Female single ended cable, 10m length.	2TLA020056R1000
M12-C101V2	M12-5 90 Degree Female single ended cable, 10m length.	2TLA020056R1500
M12-C101HE	M12-5 Female single ended cable, 10m length, Harsh environment, halogen free.	2TLA020056R8100
M12-C201	M12-5 Female single ended cable, 20m length.	2TLA020056R1400
M12-C0312	M12-5 Female/male double ended cable, 0.3m length.	2TLA020056R5800
M12-C00612	M12-5 Female/male double ended cable, 0.06m length.	2TLA020056R6300
M12-C112	M12-5 Female/male double ended cable, 1m length.	2TLA020056R2000
M12-C312	M12-5 Female/male double ended cable, 3m length.	2TLA020056R2100
M12-C612	M12-5 Female/male double ended cable, 6m length.	2TLA020056R2200
M12-C1012	M12-5 Female/male double ended cable, 10m length.	2TLA020056R2300
M12-C1012V2	M12-5 Female/male 90 degree double ended cable, 10m length.	2TLA020056R6700
M12-C1612	M12-5 Female/male double ended cable, 16m length.	2TLA020056R2400
M12-C2012	M12-5 Female/male double ended cable, 20m length.	2TLA020056R2500
M12-C62	M12-5 Male single ended cable, 6m length.	2TLA020056R0200
M12-C102	M12-5 Male single ended cable, 10m length.	2TLA020056R1200
M12-C33	M12-8 Female single ended cable, 3m length.	2TLA020056R2900
M12-C63	M12-8 Female single ended cable, 6m length.	2TLA020056R3000
M12-C103	M12-8 Female single ended cable, 10m length.	2TLA020056R4000
M12-C203	M12-8 Female single ended cable, 20m length.	2TLA020056R4100
M12-C104	M12-8 Male single ended cable, 10m length.	2TLA020056R4200
M12-C134	M12-8 Female/male double ended cable, 1m length.	2TLA020056R5000
M12-C334	M12-8 Female/male double ended cable, 3m length.	2TLA020056R5100
M12-C634	M12-8 Female/male double ended cable, 6m length.	2TLA020056R7600
M12-C1034	M12-8 Female/male double ended cable, 10m length.	2TLA020056R7700
M12-C2034	M12-8 Female/male double ended cable, 20m length.	2TLA020056R7800
M12-C65	M12-12 Female single ended cable, 6m length.	2TLA020056R7200
M12-C105	M12-12 Female single ended cable, 10m length.	2TLA020056R7300
M12-C205	M12-12 Female single ended cable, 20m length.	2TLA020056R7500
M12-C01	M12-5 female straight field wirable.	2TLA020055R1000
M12-C02	M12-5 male straight field wirable.	2TLA020055R1100
M12-C03	M12-8 female straight field wirable.	2TLA020055R1600
M12-C04	M12-8 male straight field wirable.	2TLA020055R1700
C5 cable 10m	5 x 0.34 shielded cable spool 10m	2TLA020057R0001
C5 cable 50m	5 x 0.34 shielded cable spool 50m	2TLA020057R0005
C5 cable 100m	5 x 0.34 shielded cable spool 100m	2TLA020057R0010
C5 cable 200m	5 x 0.34 shielded cable spool 200m	2TLA020057R0020
C5 cable 500m	5 x 0.34 shielded cable spool 500m	2TLA020057R0050
C8 cable 50m	8 x 0.34 shielded cable spool 50m	2TLA020057R1005
C8 cable 100m	8 x 0.34 shielded cable spool 100m	2TLA020057R1010
C8 cable 200m	8 x 0.34 shielded cable spool 200m	2TLA020057R1020
C8 cable 500m	8 x 0.34 shielded cable spool 500m	2TLA020057R1050
C9 cable 150m	7 x 0.51 + 2 x 0.82 shielded cable spool 150m	2TLA020057R1515
C9 cable 350m	7 x 0.51 shielded cable spool 350m	2TLA020057R1535
C13 cable 100m	11 x 0.51 + 2 x 0.82 shielded cable spool 100m	2TLA020057R2010
C13 cable 250m	11 x 0.51 + 2 x 0.82 shielded cable spool 250m	2TLA020057R2025
M12-3A	M12 Y-connector for series connection of DYNlink devices such as Eden, Smile, Inca and Tina.	2TLA020055R0000
M12-3B	M12 Y-connector for parallel connection of 2 DYNlink devices.	2TLA020055R0100
M12-3D	Y-connector for easy connection of a transmitter	2TLA020055R0300

Cables and connectors

Cables and connectors



M12-3G

Accessories ordering table (continued)

Type	Description	Ordering code
M12-3E	M12 Y-connector for the connection of 2 DYNlink devices or one DYNlink and one light button to Pluto safety PLC with only one cable.	2TLA020055R0200
M12-3G	M12 Y-connector for the connection of Adam OSSD M12-8 with M12-8 cables (in between Y splitters)	2TLA020055R0700
M12-3H	M12 Y-connector for the connection of Adam OSSD M12-8 with M12-5 cables (in between Y splitters)	2TLA020055R0800
M12-3R	Y-connector for connection of a Smile reset button to Orion	2TLA022316R0000
M12-3S	M12 Y-connector for series connection of DYNlink devices with the StatusBus function.	2TLA020055R0600
M12 Safety Seal	Heat shrinking tubes for M12 connectors	2TLA020053R0800
M12 Protection Cap	Protection of an unused M12 male connector from dust	2TLA020055R2100
M12-CT0212	Transfer cable, L=20 cm, 5 x 0.34 mm ² + shield with straight M12-5 female + male connectors. Shield connected to pin3 (0V) on male connector. Can be used for connection of DYNlink devices to Tina 4A/ Tina 8A where the "info-pin" of each M12 connector works like a individual safe signal. Note: Only allowed when connected to a Pluto IQ input.	2TLA020060R0400
M12-CT0214	Transfer cable, L=20 cm, 5 x 0.34 mm ² + shield with straight M12-5 female + male connectors. Shield connected to pin3 (0V) on male connector. Can be used for connection of DYNlink devices to Tina 4A/ Tina 8A where the "info-pin" of each M12 connector works like a individual safe signal. Note: Only allowed when connected to a Pluto IQ input.	2TLA020060R0100
M12-CT132	Transfer cable, L=20 cm, 8 x 0.34 mm ² + shield with straight M12-8 female + M12-5 male connectors. Shield connected to pin7 (0 V) on male connector. Can be used for connection between Dalton to URAX or Tina 4A/Tina 8A.	2TLA020060R0600
M12-CTO1BA	Transfer cable, L=1 m, 8 x 0.34 mm ² + shield with straight M12-5 male + M12-8 female connectors. Shield connected to pin 3 (0V) on male connector. Can be used when connecting Orion 2 Base, Orion 2 Extended and Orion3 Extended to a safe I/O module with 4/5-pole connectors.	2TLA022315R3000
M12-CTO1BM	Transfer cable, L=0.2 m, 8 x 0.34 mm ² + shield with straight M12-8 male + female connectors. Shield connected to pin 7 (0 V) on male connector. Can be used when connecting an Orion 1 Base in auto reset to Tina 10A or Tina 10C.	2TLA022315R3100
M12-C02PT2T	Transmitter cable for Orion 1 Extended, 0.2 m	2TLA022315R0100
M12-C02PT6RB	Receiver cable Blanking Orion 1 Extended, 0.2 m	2TLA022315R0200
M12-C02PT62RM	Receiver cable Muting Orion 1 Extended, 0.2 m	2TLA022315R0300
PT-C005PT	Cascade cable for Orion 1 Extended, 0.05 m	2TLA022315R1200
PT-C05PT	Cascade cable for Orion 1 Extended, 0.5 m	2TLA022315R1100
PT-C1PT	Cascade cable for Orion 1 Extended, 1 m	2TLA022315R1000
M12-CYMUTE	M12 Y-cable for connection of muting sensors to Orion 2 Extended and Orion3 Extended. One M12-8 female connector (#1) for connecting Orion, one M12-8 male connector (#2) for connecting Orion to another equipment and one M12-5 male connector (#3) for connecting the muting sensors (e.g. using OMC1).	2TLA022316R0100
Pluto cable serial	Pluto programming and on-line monitoring cable. For a PC serial port, 9-pole D-sub connector.	2TLA020070R5600
Pluto cable USB	Pluto programming and on-line monitoring cable. For a PC USB port.	2TLA020070R5800
Pluto cable HMI	Cable for connecting a HMI-panel to the Pluto programming port. Connector on HMI-side: 15-pole D-sub. On Pluto side: 90 degrees angled Modbus contact.	2TLA020070R5700
Pluto cable CP400	Cable for connecting HMI-panel ABB CP400 to Pluto programming port. Connector on HMI-side: 9-pole D-sub.	2TLA020070R2400
Pluto cable CP600	Cable for connecting HMI-panel ABB CP600 to Pluto programming port. Connector on HMI-side: 9-pole D-sub.	2TLA020070R2600
PCABLE-050	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 50-meter ring.	2TLA020070R6805
PCABLE-100	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 100-meter ring.	2TLA020070R6810
PCABLE-500	Bus cable for Pluto safety bus, 2 x 0.75 mm ² . 500-meter drum.	2TLA020070R6850

Cables and connectors

Cables and connectors

Accessories ordering table (continued)

Type	Description	Ordering code
JSHK0	12 pole Cannon female connector for cable mounting.	2TLA020003R0300
JSHK1-C	12 pole Cannon male connector for cabinet mounting.	2TLA020003R0700
JSHK1-B	12 pole Cannon male connector for cable mounting.	2TLA020003R0900
JSHK1-A	12 pole Cannon female connector for cabinet mounting.	2TLA020003R0800
HK5	12 pole Cannon female straight cable, 5m length	2TLA020003R4700
HK10	12 pole Cannon female straight cable, 10m length	2TLA020003R4800
HK20	12 pole Cannon female straight cable, 20m length	2TLA020003R4900
HK16S4	12 pole Cannon female spiral cable, 1.6m length	2TLA020003R5000
HK20S4	12 pole Cannon female spiral cable, 2m length	2TLA020003R5100
HK32S4	12 pole Cannon female spiral cable, 3.2m length	2TLA020003R5200
HK40S4	12 pole Cannon female spiral cable, 4m length	2TLA020003R3500
HK60S4	12 pole Cannon female spiral cable, 6m length	2TLA020003R3600
HK80S4	12 pole Cannon female spiral cable, 8m length	2TLA020003R5300
JSD-TK5-12	5 m cable with M23-12 female connector	2TLA930050R0000
JSD-TK10-12	10 m cable with M23-12 female connector	2TLA930051R0000
M23-SPC12-05/25	0.5/2.5 m spiral cable with M23-12 female connector	2TLA023100R0000
M23-SPC12-10/50	1/5 m spiral cable with M23-12 female connector	2TLA023200R0000
JSD-TK100S-12	10 m spiral cable with M23-12 female connector	2TLA930034R0000
JSD-TK5-19	5 m cable with M23-19 female connector	2TLA930057R0000
JSD-TK10-19	10 m cable with M23-19 female connector	2TLA930058R0000
M23-STC12-0250	25 m cable with M23-19 female connector	2TLA023300R0000
M23-SPC19-05/25	0.5/2.5 m spiral cable with M23-19 female connector	2TLA023400R0000
M23-SPC19-10/50	1/5 m spiral cable with M23-19 female connector	2TLA023500R0000
M12-C51-ASi	5 m unshielded cable with M12-5 female connector	2TLA910093R0000
M12-C251S-ASi	2.5 m unshielded spiral cable with M12-5 female connector	2TLA910094R0000

