



## SAFETY PACKAGE

### SP-Grounding package

Order number	Designation
120484	SP-Grounding package

Grounding package for fixtures with higher voltages:

- Grounding of housing (incl. handles, hinges, etc)
- Earth connection
- Back panel in aluminum
- Housing screw locked
- Earth connection verification
- Installation instructions

### SP-Isolation package

Order number	Designation
120496	SP-Isolation package

Isolation package universal:

- Cover all low resistance contacts to the environment
- Cover all relevant openings
- Isolating Push rods

### SP-MMIW-Isolation package-MMIWG

Order number	Designation
120486	SP-MMIW-Isolation package-MMIWG

Isolation package for MMIWG base units:

- Cover all low resistance contacts to the environment
- Cover all relevant openings

### SP-SW-Safety switch-BNS260

Order number	Designation
120494	SP-SW-safety switch-BNS260

Safety switch BNS 260 (Magnet switch)

Incl. magnet and mounting

### SP-Grounding Connection Cable

Order number	Designation
507072	SP-Grounding connection cable

Grounding connection cable for connecting the fixture to the grounding connection.

### SP-MMIW-Isolation package-MMIWK

Order number	Designation
120485	SP-MMIW-Isolation package-MMIWK

Isolation package for MMIWK cassettes:

- Isolating Push rods
- Cover for alignment pins
- Magnet for safety switch BPS260

### SP-MMI-Isolation package-MMI

Order number	Designation
120487	SP-MMI-Isolation package-MMI

Isolation package for MMI fixture kits:

- Isolating Push rods
- Cover all low resistance contacts to the environment
- Cover all relevant openings

### SP-MMIW-Locking-MMIWG

Order number	Designation
120488	SP-MMIW-Locking-MMIWG

Safety locking for MMIWG base unit:

- Mounting AZM on the housing floor
- Mounting safety key on lever arm
- Safety locking AZM161CC-12/12RKEU-024
- 3 x Safety switch BNS260 for push plate and cassettedetection

### SP-MMI-Locking-MMI

Order number	Designation
120489	SP-MMI-Locking-MMI

Safety locking for MMI:

- Mounting AZM on frame plate
- Mounting safety key on lever arm
- Safety locking AZM161CC-12/12RKEU-024
- 1 x Safety switch BNS 260-02
- Housing screw locked

### SP-Box-Safety box-S1

Order number	Designation
120490	SP-Box-Safety box-S1

Safety box S1 24V

Voltage disable with contactor 3 contacts  
(à 400VAC, 9 Amp.)

- Detection of max. 3 safety switches
- Safety relay PSR-MS30

### SP-Box-Safety box-S2

Order number	Designation
120497	SP-Box-Safety box-S2

Safety box S2 24V safety locking

Control for safety locking +Voltage disable with  
contactor 3 contacts (à 400VAC, 9 Amp.)

- Control for safety locking
- Detection of 3 safety switches
- Safety relay UE44-3SL with delay timer

### SP-Box-Control box-K1

Order number	Designation
120492	SP-Box-Control box-K1

Control box K1 pneumatic

Control for pneumatic fixtures 24V

- Control for pneumatic locking
- Detection of 3 safety switches
- Safety relay UE44-3SL
- Timer relay E1ZM10

### SP-SW-Locking

Order number	Designation
120495	SP-SW-Locking

Safety locking universal type:

- Mounting safety key on lever arm
- Mounting safety lock (type not defined)

### SP-Box-Safety box-S1-T

Order number	Designation
120491	SP-Box-Safety box-S1-T

Safety box S1-T 230V

Voltage disable with contactor 3 contacts  
(à 400VAC, 9 Amp.)

- Detection of max. 3 safety switches
- Safety relay PSR-MS30
- Powersupply 24V 1,0A
- Cold device socket in back panel

### SP-Box-Safety box-S2-T

Order number	Designation
120498	SP-Box-Safety box-S2-T

Safety box S2-T 230V safety locking

Control for safety locking +Voltage disable with  
contactor 3 contacts (à 400VAC, 9 Amp.)

- Control for safety locking
- Detection of 3 safety switches
- Safety relay UE44-3SL with delay timer
- Powersupply 24V 1,0A
- Cold device socket in back panel

### SP-Box-Control box-K1-T

Order number	Designation
120493	SP-Box-Control box-K1-T

Control box K1-T pneumatic 230V

Control for pneumatic fixtures

- Control for pneumatic locking
- Detection of 3 safety switches
- Safety relay UE44-3SL
- Timer relay E1ZM10
- Powersupply 24V 1,0A
- Cold device socket in back panel