





→ Enclosures

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Equipped Stainless Steel Enclosure

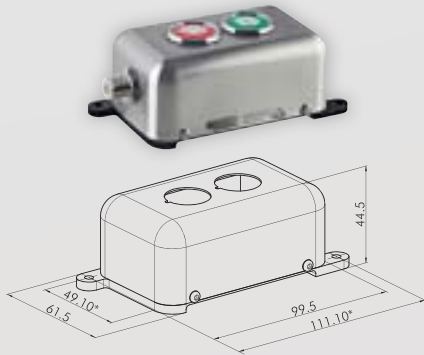
Illustration

Dimensions

Description

Type

IP69K



Stainless steel enclosure with 2 illuminated pushbuttons

Mounting hole diameter: Ø 4.3mm

Actuators: 2 pushbutton heads ref.RRJAFT

Contacts: 1 ea. inverter

Operating temperature: -30 °C ... +65 °C

Storage temperature: -50 °C ... +85 °C

Connection: 8-pole M12 female connector

Rated voltage: 1 V ... 30/36 V /AC/DC

Rated current: 0.01 mA ... 100 mA

LED rated voltage: 24 V / AC/DC

LED rated current: 7 /15 mA

other versions on request

mounting holes: 2

equipped: Yes

Panel cut-out: Ø 22.3 mm

Colour:

stainless steel, brushed finish



SVAB22/2_01


Equipped Stainless Steel Enclosure


Illustration

Dimensions


Description


Type

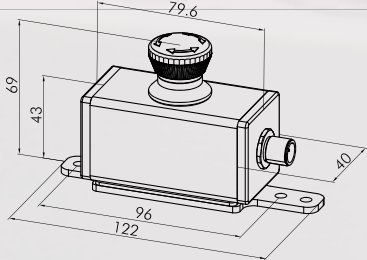
IP54




Equipped stainless steel enclosure with M12 cable entry (8 poles) for profile rail mounting - 1 mounting hole
1 emergency-stop FRVKOO
Equipped: yes



Mounting holes: 1
Colour: stainless steel, brushed finish  **S41_01**



IP54






Equipped stainless steel enclosure with M12 cable entry (8 poles) for profile rail mounting - 2 mounting holes
1 emergency-stop FRVKOO
1 pushbutton SSWTI
incl. lenses (clear, red, green, yellow, blue)
Equipped: yes




Mounting holes: 2
Colour: stainless steel, brushed finish  **S42_02**




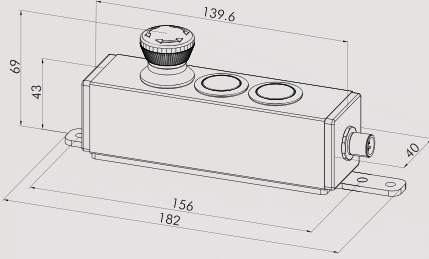
IP54




Equipped stainless steel enclosure with M12 cable entry (8 poles) for profile rail mounting - 3 mounting holes
1 emergency-stop FRVKOO
2 pushbuttons SSWTI
incl. lenses (clear, red, green, yellow, blue)
Equipped: yes



Mounting holes: 3
Colour: stainless steel, brushed finish  **S43_03**



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Equipped Stainless Steel Enclosure

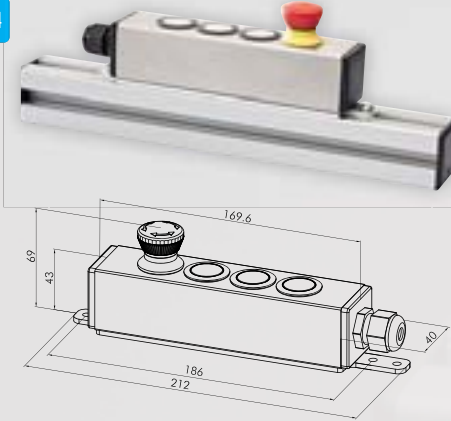
Illustration

Dimensions

Description

Type

IP54



Equipped stainless steel enclosure with cable gland for profile rail mounting - 4 mounting holes

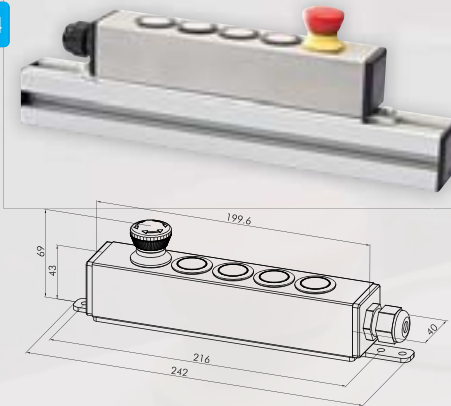
1 emergency-stop FRVKOO
3 pushbuttons SSWTI
incl. lenses (clear, red, green, yellow, blue)
Equipped: yes



Mounting holes: 4
Colour: stainless steel, brushed finish

 S44_04

IP54



Equipped stainless steel enclosure with cable gland for profile rail mounting - 5 mounting holes

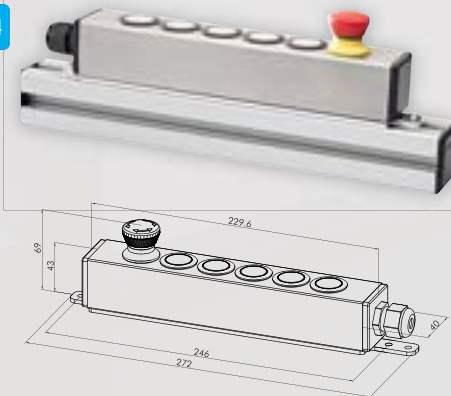
1 emergency-stop FRVKOO
4 pushbuttons SSWTI
incl. lenses (clear, red, green, yellow, blue)
Equipped: yes



Mounting holes: 5
Colour: stainless steel, brushed finish

 S45_05

IP54



Equipped stainless steel enclosure with cable gland for profile rail mounting - 6 mounting holes

1 emergency-stop FRVKOO
5 pushbuttons SSWTI
incl. lenses (clear, red, green, yellow, blue)
Equipped: yes



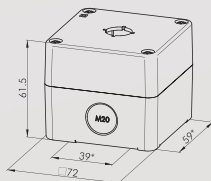
Mounting holes: 6
Colour: stainless steel, brushed finish

 S46_06

Insulated Plastic Enclosures

Illustration Dimensions Description Type

IP65
IP69K



Insulated plastic enclosure with 1 mounting hole

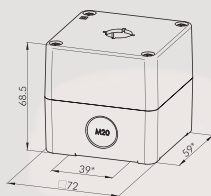
Equipped: no
Weight: 96 g
Cable entry: break-through wall M20



Mounting holes: 1
Panel cut-out: Ø 16.2 mm
Colour: black bottom part/yellow cover

SIL16/1

IP65
IP69K



High insulated plastic enclosure with 1 mounting hole

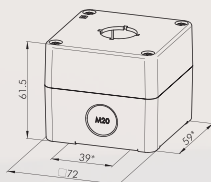
Equipped: no
Weight: 104 g
Cable entry: break-through wall M20



Mounting holes: 1
Panel cut-out: Ø 16.2 mm
Colour: black bottom part/yellow cover

SILH16/1

IP65
IP69K



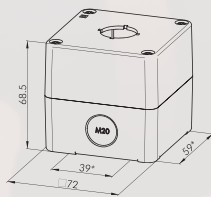
Insulated plastic enclosure with 1 mounting hole

Equipped: no
Weight: 96 g
Cable entry: break-through wall M20

Mounting holes: 1
Panel cut-out: Ø 22.3 mm
Colour: black bottom part/yellow cover

SIL22/1

IP65
IP69K



High insulated plastic enclosure with 1 mounting hole

Equipped: no
Weight: 104 g
Cable entry: break-through wall M20



Mounting holes: 1
Panel cut-out: Ø 22.3 mm
Colour: black bottom part/yellow cover

SILH22/1

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Equipped Insulated Plastic Enclosures

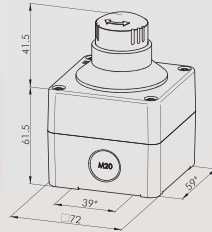
Illustration

Dimensions

Description

Type

IP65
IP69K



Emergency-stop control station

with switching position indicator and yellow anti-lock collar, twist release, acc. to EN ISO 13850, VDE 0660, sect.200, IEC/EN 60947-5-1 and IEC/EN 60947-5-5

mounting hole dia. 4.2 mm

Contact equipment: 2NC

Foolproof: yes

Switching position indicator: yes

Anti-lock collar: yes

Release: twist right or left

Standard: EN 60947-5-1, EN 60947-5-5, EN ISO 13850

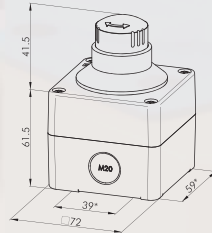
Equipped: yes

Cable entry: break-through wall M20

Colour: black bottom part/yellow cover

SIL_QRBUVOO

IP65



Emergency-stop control station, illuminated

with switching position indicator and yellow illuminated anti-lock collar, twist release, acc. to EN ISO 13850, VDE 0660, sect.200, IEC/EN 60947-5-1 and IEC/EN 60947-5-5

mounting hole dia. 4.2 mm

Contact equipment: 2NC

Foolproof: yes

Switching position indicator: yes

Anti-lock collar: yes

Release: twist right or left

Standard: EN 60947-5-1, EN 60947-5-5, EN ISO 13850

Equipped: yes

Cable entry: break-through wall M20

Colour: black bottom part/yellow cover

SIL_QRBLUVOO

Equipped Insulated Plastic Enclosures

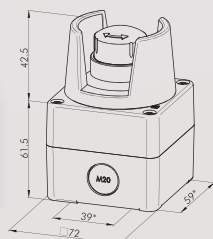
Illustration

Dimensions

Description

Type

IP65
IP69K



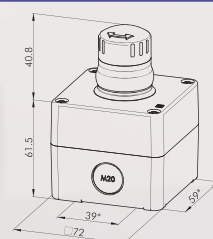
Emergency-stop control station

with switching position indicator and yellow protective shroud, twist release,
acc. to EN ISO 13850, VDE 0660, sect.200,
IEC/EN 60947-5-1 and IEC/EN 60947-5-5

- mounting hole dia. 4.2 mm
- NOTE: The user must ensure the emergency-stop with protective shroud to be easy accessible!
- Contact equipment: 2NC
- Foolproof: yes
- Switching position indicator: yes
- Anti-lock collar: yes
- Release: twist right or left
- Standard: EN 60947-5-1, EN 60947-5-5, EN ISO 13850
- Equipped: yes
- Cable entry: break-through wall M20
- Colour: black bottom part/yellow cover

SIL_QRSKUV00

IP66
IP69K



Emergency-stop control station for hygienic application

twist release e-stop, compliant to BG acc. to DIN EN 1672-2 and GS-FW 01/01

- mounting hole dia. 4.2 mm
- Contact equipment: 2NC
- Foolproof: yes
- Switching position indicator: no
- Anti-lock collar: no
- Release: twist right or left
- Standard: EN 60947-5-1, EN 60947-5-5, EN ISO 13850
- Equipped: yes
- Cable entry: break-through wall M20
- Colour: black bottom part/yellow cover

SIL_QRUVPO0

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Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
		<p>AS-Interface emergency-stop control station - Safety at Work -</p> <p>ASI slave: ASI_SAW22E actuator: QRBUV, foolproof acc. to EN ISO 13850 Connection: M12 (4 poles) Contact equipment: bus-compatible Equipped: yes</p>	<p>Colour: black bottom part/yellow cover</p> <p>SILH_ASIE_QRBUV</p>
		<p>AS-Interface emergency-stop control station, illuminated - Safety at Work -</p> <p>ASI slave: ASI_SAW22A actuator: QRBLUV, foolproof acc. to EN ISO 13850 Connection: M12 (4 poles) Contact equipment: bus-compatible Equipped: yes</p>	<p>Colour: black bottom part/yellow cover</p> <p>SILH_ASI_QRBLUV</p>
		<p>AS-Interface emergency-stop control station - Safety at Work -</p> <p>ASI-Slave: ASI_SAW22E Equipment: QRUVV for hygienic applications (compliant to BG acc. to DIN EN 1672-2 and GS-FW 01/01), foolproof acc. to EN ISO 13850 Connection: M12 (4 poles) Contact equipment: bus-compatible Equipped: yes</p>	<p>Colour: black bottom part/yellow cover</p> <p>SILH_ASIE_QRUVV</p>
		<p>AS-Interface emergency-stop control station - Safety at Work -</p> <p>ASI slave: ASI_SAW22E actuator: QRSKUV, foolproof acc. to EN ISO 13850 Connection: M12 (4 poles) Contact equipment: bus-compatible Foolproof: no Switching position indicator: no Anti-lock collar: no Equipped: yes</p>	<p>Colour: black bottom part/yellow cover</p> <p>SILH_ASIE_QRSKUV</p>

Equipped Insulated Plastic Enclosures

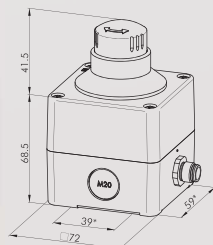
Illustration

Dimensions

Description

Type

IP65



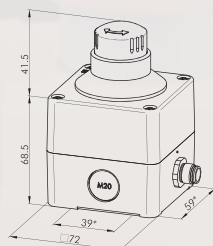
Emergency-stop control station with M12 connector - 2NC

with switching position indicator and yellow anti-lock collar, twist release,
acc. to EN ISO 13850, VDE 0660, sect.200,
IEC/EN 60947-5-1 and IEC/EN 60947-5-5

- mounting hole dia. 4.2 mm
- Contact equipment: 2NC
- Foolproof: yes
- Switching position indicator: yes
- Anti-lock collar: yes
- Release: twist right or left
- Equipped: yes
- Cable entry: 4-pole M12, A coded
- Colour: dark-grey bottom part/yellow cover

SIL_QRBUVOO_M12

IP65



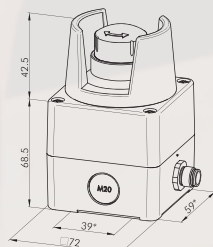
Emergency-stop control station with M12 connector - 2NC+1NO

with switching position indicator and yellow anti-lock collar, twist release,
acc. to EN ISO 13850, VDE 0660, sect.200,
IEC/EN 60947-5-1 and IEC/EN 60947-5-5

- mounting hole dia. 4.2 mm
- Contact equipment: 2NC + 1NO
- Foolproof: yes
- Switching position indicator: yes
- Anti-lock collar: yes
- Release: twist right or left
- Equipped: yes
- Cable entry: 8-pole M12, A coded
- Colour: dark-grey bottom part/yellow cover

SIL_QRBUVOOI_M12

IP65



Emergency-stop control station with M12 connector - 2NC

with switching position indicator and yellow collar, twist release,
acc. to EN ISO 13850, VDE 0660, sect.200,
IEC/EN 60947-5-1 and IEC/EN 60947-5-5

- mounting hole dia. 4.2 mm
- Contact equipment: 2NC
- Foolproof: yes
- Switching position indicator: yes
- Permissive Contact: no
- Anti-lock collar: yes
- Release: twist right or left
- Equipped: yes
- Cable entry: 4-pole M12, A coded
- Colour: dark-grey bottom part/yellow cover

SIL_QRSKUVOO_M12

Equipped Insulated Plastic Enclosures

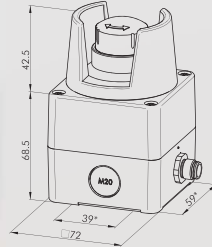
Illustration

Dimensions

Description

Type

IP65



Emergency-stop control station with M12 connector - 2NC+1NO

with switching position indicator and yellow collar, twist release, acc. to EN ISO 13850, VDE 0660, sect.200, IEC/EN 60947-5-1 and IEC/EN 60947-5-5

mounting hole dia. 4.2 mm

Contact equipment: 2NC + 1NO

Foolproof: yes

Switching position indicator: yes

Permissive Contact: no

Anti-lock collar: yes

Release: twist right or left

Equipped: yes

Cable entry: 8-pole M12, A coded

Colour: dark-grey bottom part/yellow cover

SIL_QRSKUV00IM12

Minibox with cable entry M16/M20 for profile rail or wall mounting

General data - contact module

- > Operating temperature: -25°C ... 70°C
- > Storage temperature: -40°C ... 85°C
- > Vibration / shock resistance: acc. to EN 60068-2-6/-27
- > Environmental conditions: acc. to EN 60068-2

Technical data - switch element

- > Ratings (gold-plated contacts): 20mV...42V AC/DC
1mA...250mA
- > Ratings (silver contacts): non-illuminated AC15 B300 250V/1.5A, lth 5A DC13 Q300, 250V/0.27A
acc. to EN 60947-5-1: illuminated SELV
- > Electrical life (rated load): 50,000
- > Positive opening contact: EN 60947-5-1, app. K

Technical data - LED

- > Operating voltage: 24V DC
- > Power consumption: max. 15 mA (at 24 V DC)

Using the fastening clip, the minibox can be mounted both on a profile rail or on a wall.

Assembly sequence using the example of profile rail mounting with lateral cable entry (not M12 version)



- > screw down mounting clip

1



- > attach lower box part
- > insert cable
- > contact wire ends
- > snap in PC board

2



- > snap on upper box part

3



ready

4

Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
 <p>IP65</p> <p></p> <p>Technical drawing showing dimensions: 108.60 (width), 23.80 (height), 28.60 (depth), and 41.80 (cable entry offset).</p>	<p>minibox with lateral cable entry M16 and illuminated emergency-stop</p> <p>Contact equipment: 2NC Foolproof: yes Switching position indicator: yes Anti-lock collar: no Standard: EN60947-1/5-5 Equipped: yes</p> <p> </p> <p>Colour: dark-grey bottom part/yellow cover</p>	MBP_FRVKL00	
 <p>IP65</p> <p>Technical drawing showing dimensions: 108.60 (width), 23.80 (height), 28.60 (depth), and 41.80 (cable entry offset).</p>	<p>minibox with lateral cable entry M16</p> <p>Contact equipment: 2NC Foolproof: yes Switching position indicator: yes Anti-lock collar: no Standard: EN60947-1/5-5 Equipped: yes</p> <p> </p> <p>Colour: dark-grey bottom part/yellow cover</p>	MBP_FRVK00	
 <p>IP65</p> <p></p> <p>Technical drawing showing dimensions: 108.60 (width), 23.80 (height), 28.60 (depth), and 41.80 (cable entry offset).</p>	<p>minibox with bottom-side cable entry M20 and illuminated emergency-stop</p> <p>Contact equipment: 2NC Foolproof: yes Switching position indicator: yes Anti-lock collar: no Standard: EN60947-1/5-5 Equipped: yes</p> <p> </p> <p>Colour: dark-grey bottom part/yellow cover</p>	MBW_FRVKL00	
 <p>IP65</p> <p>Technical drawing showing dimensions: 108.60 (width), 23.80 (height), 28.60 (depth), and 41.80 (cable entry offset).</p>	<p>minibox with bottom-side cable entry M20</p> <p>Contact equipment: 2NC Foolproof: yes Switching position indicator: yes Anti-lock collar: no Standard: EN60947-1/5-5 Equipped: yes</p> <p> </p> <p>Colour: dark-grey bottom part/yellow cover</p>	MBW_FRVK00	

Equipped Insulated Plastic Enclosures

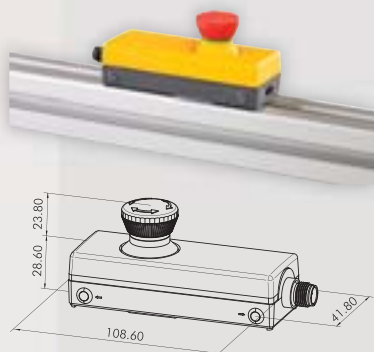
Illustration

Dimensions

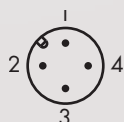
Description

Type

IP65



minibox with M12 cable entry (4 poles)



Operating temperature: -25 °C...+70 °C
 Storage temperature: -25°C...+85 °C
 Connection: M12, 4 poles (m)
 Pin 1,2: NC 1; Pin 3,4: NC 2
 Contact material: AgNi
 Electrical life: 50.000 at rated load
 Positive opening: acc. to EN 60947-5-1, append. K
 Test voltage M12 plug: 2.0 kV
 Electrical Data acc. to IEC/EN 60947-5-1 (VDE 0660 sect. 200)

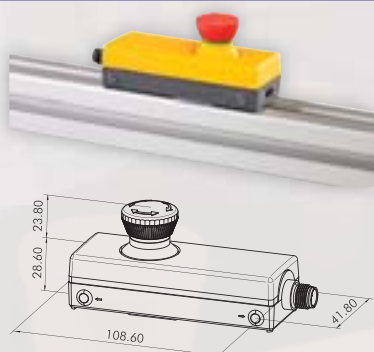
alternating current direct current
 Utilisation category: AC15 DC13
 Rated operating voltage Ue: 240V 250V
 Rated operating current Ie: 1.5A 0.27A
 Foolproof: yes
 Switching position indicator: yes
 Anti-lock collar: no
 Standard: EN60947-1/5-5
 Equipped: yes



Colour: dark-grey bottom part/yellow cover

MBM124_FRVK00

IP65



minibox with M12 cable entry (8 poles)



Operating temperature: -25 °C...+70 °C
 Storage temperature: -25°C...+85 °C
 Connection: M12, 8 poles (m)
 Pin 1,2: NC 1; Pin 3,4: NC 2
 Pin 5,6: NO ; Pin 7,8: NC.
 Contact material: AgNi, gold-plating 5µm
 Electrical life: 50.000 at rated load
 Positive opening: acc. to EN 60947-5-1, append. K
 Test voltage M12 plug: 1.5 kV

Electrical Data
 Operating voltage: 1V... 36V
 Operating current: 1mA ... 250mA
 Contact equipment: 1 NO + 2 NC (positive opening contacts)

Foolproof: yes
 Switching position indicator: yes
 Anti-lock collar: no
 Standard: EN60947-1/5-5
 Equipped: yes



Colour: dark-grey bottom part/yellow cover

MBM128_FRVK00I

Equipped Insulated Plastic Enclosures

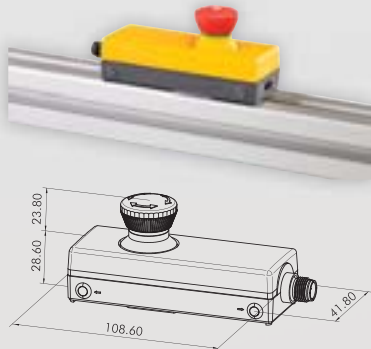
Illustration

Dimensions

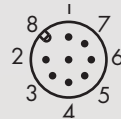
Description

Type

IP65



minibox with M12 cable entry (8 poles) and illuminated emergency-stop



Operating temperature:

-25 °C...+70 °C

Storage temperature:

-25°C...+85 °C

Connection:

M12, 8 poles (m)

Pin 1,2: NC 1; Pin 3,4: NC 2

Pin 5 (X1/+), Pin 6 (X2/-): LED;

Pin 7,8: n.c.

Contact material:

AgNi, gold-plated 5µm

Electrical life:

50.000 at rated load

Positive opening:

acc. to EN 60947-5-1, appendix K

Test voltage M12 plug:

1.5 kV

Electrical Data

Operating voltage:

1V... 36V

Operating current:

1mA ... 250mA

LED lighting:

max. 30 V AC/DC, type 4 mA (at 24 V DC)

Contact equipment:

2NC, positive opening contact

Foolproof:

yes

Switching position indicator:

yes

Anti-lock collar:

no

Standard:

EN60947-1/5-5

Equipped:

yes



Colour:

dark-grey bottom part/yellow cover

MBM128_FRVKLOO

Equipped Insulated Plastic Enclosures

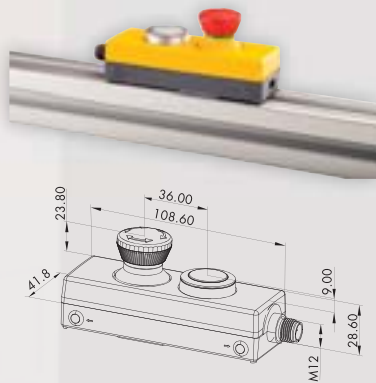
Illustration

Dimensions

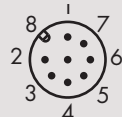
Description

Type

IP65



**minibox with M12 cable entry (8 poles)
with emergency-stop and pushbutton**



Lenses and nameplates to be ordered separately.

Operating temperature: -25 °C...+70 °C

Storage temperature: -25°C...+85 °C

E-stop/button type: emergency-stop: 2 NC

(positive opening), 1 NO

pushbutton: 1 NO

with fastening clip on the rear

M12 8 pole (m) pos.1

(emergency-stop)

NC 1, Pin 1-2; NC 2, Pin 3-4;

NO, Pin 5-6

pos.2: (pushbutton)

NO, pin 7-8

AgNi, gold-plated 5µm

Emergency-stop: 50.000 at rated load

(ambient temperature = 20°C)

Pushbutton: 1 million (ambient temperature

= 20°C)

Positive opening: NC contact, acc. to

EN 60947-5-1, appendix K

Test voltage M12 plug: 1.5kV

Electrical Data Operating voltage: 1V... 36V

Operating current: 1mA ... 250mA

Foolproof: yes

Switching position indicator: yes

Anti-lock collar: no

Standard: EN60947-1/5-5

Equipped: yes



Colour: dark-grey bottom part/yellow cover

MBM128_NOOIT1

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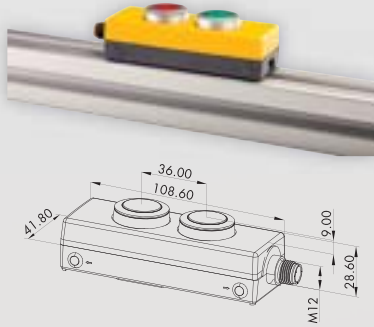
Illustration

Dimensions

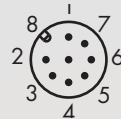
Description

Type

IP65



minibox with 2 pushbuttons and M12 cable entry (8 poles)



Lenses and nameplates to be ordered separately.

Operating temperature: -25 °C...+70 °C

Storage temperature: -25 °C...+85 °C

Pushbutton type: 1 NO and 1 NC (positive opening)

Fixation: with fastening clip on the rear
 Connection: M12 8 poles (m) Pos. 1 (pushbutton) NO, pin 1-2; lamp, pin 3-4; Pos. 2 (pushbutton); NC, pin 5-6; lamp, pin 7-8

Contact material: AgNi, gold-plated 5µm

Electrical life: 1 million at rated load (ambient temp. = 20 °C)

Mechanical life: 1 million operations (ambient temp. = 20 °C)

Positive opening: NC contact acc. to EN 60947-5-1, appendix K

Test voltage M12 plug: 1.5 kV

Electrical Data Operating voltage: 1V... 36V

Operating current: 1 mA ... 250mA

LED illumination: max. 30 V AC/DC, typ. 4 mA (at 24 V DC)

Equipped: yes

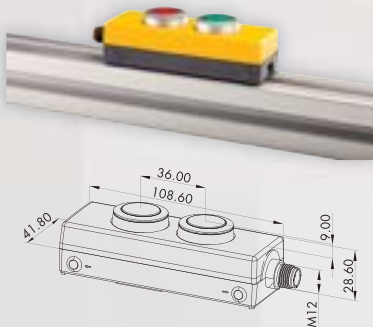
Colour: dark-grey bottom part/yellow cover

dark-grey bottom part/light-grey cover

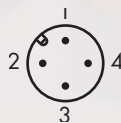
MBM128_TLITLO

MBM128_GR_TLITLO

IP65



minibox with 2 pushbuttons and M12 cable entry (4 poles)



Lenses and nameplates to be ordered separately.

Operating temperature: -25 °C...+70 °C

Storage temperature: -25 °C...+85 °C

Pushbutton type: 1 NO and 1 NC (positive opening)

Fixation: with rear mounting clip

Connection: M12 4 poles (m)

Pos. 1 (pushbutton 1) NO, pin 1-2 Pos. 2 (pushbutton 2) NC, pin 3-4

Contact material: AgNi

Mechanical life: 1 million (ambient temp. = 20 °C)

Positive opening: NC contact, acc. to EN 60947-5-1, appendix K

Test voltage M12 plug: 2.0kV

Electrical Data acc. to IEC/EN 60947-5-1 (VDE 0660 sect. 200)

Utilisation category: AC15 alternating current DC13 Rated direct current

Operating voltage U_e: 240V 250V Rated

Operating current I_e: 1.5A 0.27A

Equipped: yes

Colour: dark-grey bottom part/yellow cover

MBM124_TITO

Equipped Insulated Plastic Enclosures

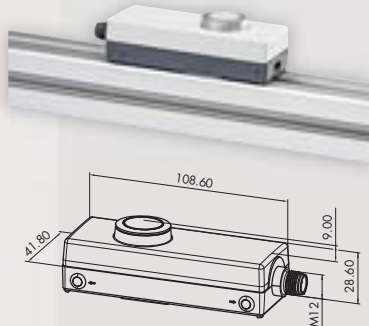
Illustration

Dimensions

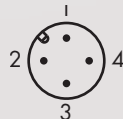
Description

Type

IP65



minibox with pushbutton and M12 cable entry (4 poles)



Lenses and nameplates to be ordered separately.

Operating temperature: -25 °C...+70 °C

Storage temperature: -25 °C...+85 °C

Pushbutton type: 1 NO

Degree of protection: IP65

Fixation: with rear mounting clip

Connection: M12 4 poles (m)

NO, Pin 1-2

lamp, Pin 3 (X1 +) - Pin 4 (X2 -)

Contact material: AgNi

Mechanical life: 1m (ambient temp. 20°C)

Bouncing time: < 10ms

Test voltage M12 plug: 2.0 kV

Electrical Data - Contact Element acc. to IEC/EN 60947-5-1

(VDE 0660 sect. 200)

Utilisation category:	alternating current	direct current
	AC15	DC13 Rated

Operating voltage Ue:	240V / 120V	250V /
	125V / 60V / 24V	

Rated operating current Ie:	1.5A / 3A	0.27A /
	0.55A / 1A / 2A	

Breaking capacity:	10Ie	1.1Ie
	4A (40°C)	2.5A

Continuous thermal current:	max. 30 V AC/DC, typ. 14 mA
Electrical Data - diode LED:	(at 24 V DC)

Equipped:	yes
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Colour:	dark-grey bottom part/light-	MBM124_GR_TLI
	grey cover	

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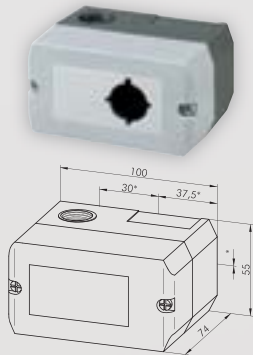
Terminal Blocks

Type Index

Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
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IP65



*Dimensions for fastening holes

Insulated plastic enclosure, 1 mounting hole

made of polyamide 6, empty or equipped, with front plate (engraving, printing or laser marking on request)

Equipped: no
 Weight: 165 g
 Material: polyamide 6
 Cable entry: M20x1.5

Mounting holes: 0
 Panel cut-out: without mounting hole
 Colour: dark-grey bottom part/light-grey cover

DIRLTV

0
 without mounting hole
 colour: dark-grey bottom part/yellow cover

DIRLTVGB

Mounting holes: 1
 Panel cut-out: Ø 16.2 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-R16

1
 Ø 16.2 mm
 colour: dark-grey bottom part/yellow cover

DIRLTVGB-R16

Mounting holes: 1
 Panel cut-out: Ø 22.3 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-R22

1
 Ø 22.3 mm
 colour: dark-grey bottom part/yellow cover

DIRLTVGB-R22

Mounting holes: 1
 Panel cut-out: Ø 30.5 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-R30

1
 Ø 30,5 mm
 Farbe: dark-grey bottom part/yellow cover

DIRLTVGB-R30

Mounting holes: 1
 Panel cut-out: 23 x 23 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-Q23

1
 23 x 23 mm
 colour: dark-grey bottom part/yellow cover

DIRLTVGB-Q23

Mounting holes: 1
 Panel cut-out: 24 x 24 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-Q24

1
 24 x 24 mm
 colour: dark-grey bottom part/yellow cover

DIRLTVGB-Q24

Mounting holes: 1
 Panel cut-out: 26 x 26 mm
 Colour: dark-grey bottom part/light-grey cover

DIRLTV-Q26

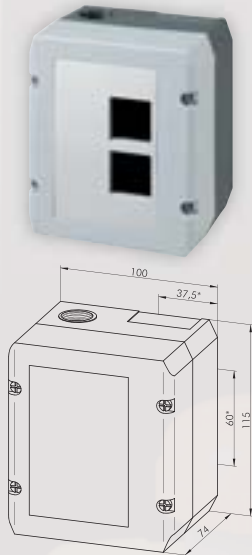
1
 26 x 26 mm
 Colour: dark-grey bottom part/yellow cover

DIRLTVGB-Q26

Insulated Plastic Enclosures

Illustration Dimensions Description Type

IP65



*Dimensions for fastening holes

Insulated plastic enclosure, 2 mounting holes

made of polyamide 6, empty or equipped, with front plate (engraving, printing or laser marking on request)

Equipped: no
Weight: 270 g
Material: polyamide 6
Cable entry: M20x1.5

Panel cut-out:	without mounting hole	
Colour:	dark-grey bottom part/light-grey cover	DIRL2-3V
Mounting holes:	2	
Panel cut-out:	Ø 16.2 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL2V-R16
Mounting holes:	2	
Panel cut-out:	Ø 22.3 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL2V-R22
Mounting holes:	2	
Panel cut-out:	23 x 23 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL2V-Q23
Mounting holes:	2	
Panel cut-out:	24 x 24 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL2V-Q24
Mounting holes:	2	
Panel cut-out:	26 x 26 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL2V-Q26

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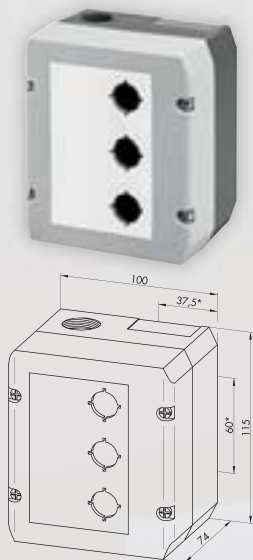
Illustration

Dimensions

Description

Type

IP65



*Dimensions for fastening holes

Insulated plastic enclosure, 3 mounting holes

made of polyamide 6, empty or equipped, with front plate (engraving, printing or laser marking on request)

Equipped: no
 Weight: 270 g
 Material: PA6
 Cable entry: M20x1.5

Mounting holes: 3
 Panel cut-out: Ø 16.2 mm
 Colour: dark-grey bottom part/light-grey cover

DIRL3V-R16

Mounting holes: 3
 Panel cut-out: Ø 22.3 mm
 Colour: dark-grey bottom part/light-grey cover

DIRL3V-R22

Mounting holes: 3
 Panel cut-out: 23 x 23 mm
 Colour: dark-grey bottom part/light-grey cover

DIRL3V-Q23

Mounting holes: 3
 Panel cut-out: 24 x 24 mm
 Colour: dark-grey bottom part/light-grey cover

DIRL3V-Q24

Mounting holes: 3
 Panel cut-out: 26 x 26 mm
 Colour: dark-grey bottom part/light-grey cover

DIRL3V-Q26

Equipped Insulated Plastic Enclosures

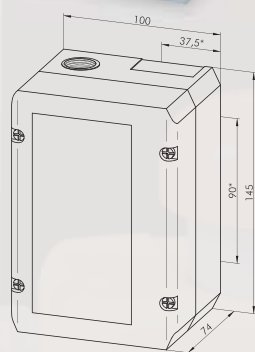
Illustration

Dimensions

Description

Type

IP65



*Dimensions for fastening holes

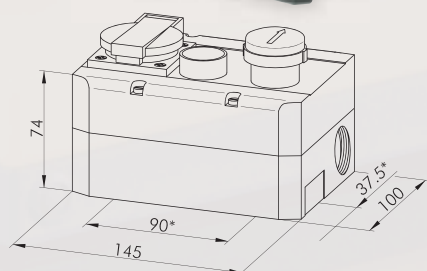
Insulated plastic enclosure, 3 resp. 4 mounting holes

made of polyamide 6, empty or equipped, with front plate (engraving, printing or laser marking on request)

Equipped: no
Weight: 310 g
Material: polyamide 6
Cable entry: M25x1.5

Panel cut-out:	without mounting hole	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V
Mounting holes:	4	
Panel cut-out:	Ø 16.2 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V-R16
Mounting holes:	4	
Panel cut-out:	Ø 22.3 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V-R22
Mounting holes:	4	
Panel cut-out:	23 x 23 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V-Q23
Mounting holes:	4	
Panel cut-out:	24 x 24 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V-Q24
Mounting holes:	4	
Panel cut-out:	26 x 26 mm	
Colour:	dark-grey bottom part/light-grey cover	DIRL4V-Q26

IP54



Elevator safety control station I

Insulated plastic enclosure made of polyamide 6, printed "STOP", including 1 emergency-stop with yellow arrow marking which clearly defines the switching position, 1 illuminated pushbutton for the hoistway lighting and a Schuko socket

Equipped: yes
Cable entry: M25x1.5

Colour: dark-grey bottom part/yellow cover **DIR/GRU-I**

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IP54



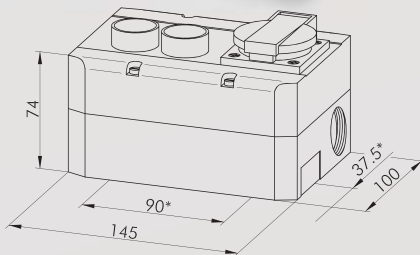
Elevator safety control station II

Insulated plastic enclosure made of polyamide 6, including 1 illuminated pushbutton for the hoistway lighting, 1 alarm pushbutton and a Schuko socket

Equipped: yes
Cable entry: M25x1.5

Colour: dark-grey bottom part/light-grey cover

DIR/GRU-II



IP54



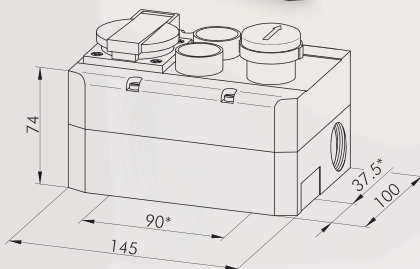
Elevator safety control station III

Insulated plastic enclosure made of polyamide 6, printed "STOP", including 1 emergency-stop with yellow arrow marking which clearly defines the switching position, 1 illuminated pushbutton for the hoistway lighting, 1 alarm pushbutton and a Schuko socket

Equipped: yes
Cable entry: M25x1.5

Colour: dark-grey bottom part/yellow cover

DIR/GRU-III



IP65



Emergency-stop station for the elevator cage roof

Insulated plastic enclosure marked STOP. The yellow arrow on the emergency-stop clearly defines the switching position. The standard version includes 1 NC (screw connection).

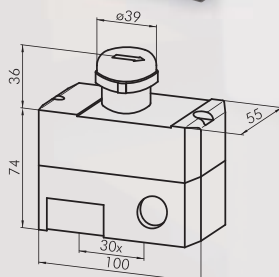
Acc. to the EN81 regulations new lifts have to be equipped with an emergency-stop switch with switching position indicator.

Equipped: yes
Cable entry: M20x1.5

Panel cut-out: Ø 22.3 mm

Colour: dark-grey bottom part/yellow cover

DIR1GB_OS



Insulated Plastic Enclosures

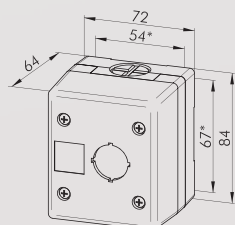
Illustration

Dimensions

Description

Type

IP65



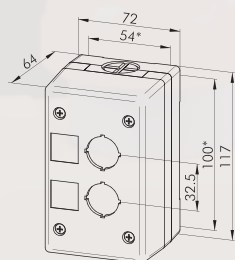
Insulated plastic enclosure, 1 mounting hole

Fastening holes: Ø 5.2mm
 Equipped: no
 Weight: 165 g
 Material: ABS
 Cable entry: with PVC cable entry on the top: Ø 20.2 mm
 break-through wall at the bottom: Ø 20.2 mm

Mounting holes: 1
 Panel cut-out: Ø 22.3 mm
 colour: light-grey
 Colour: yellow

 IRL1M
 IRL1M_GELB

IP65



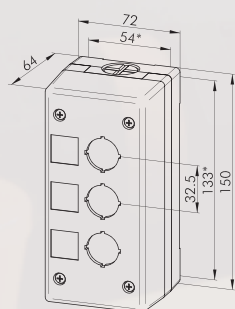
Insulated plastic enclosure, 2 mounting holes

Fastening holes: Ø 5.2mm
 Equipped: no
 Weight: 195 g
 Material: ABS
 Cable entry: with PVC cable entry on the top: Ø 20.2 mm
 break-through wall at the bottom: Ø 20.2 mm

Mounting holes: 2
 Panel cut-out: Ø 22.3 mm
 Colour: light-grey

 IRL2M

IP65



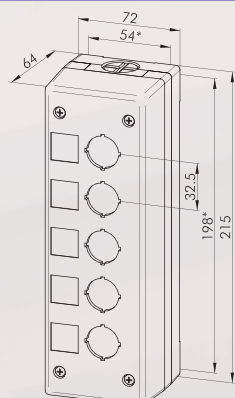
Insulated plastic enclosure, 3 mounting holes

Fastening holes: Ø 5.2mm
 Equipped: no
 Weight: 230 g
 Material: ABS
 Cable entry: with PVC cable entry on the top: Ø 20.2 mm
 break-through wall at the bottom: Ø 20.2 mm

Mounting holes: 3
 Panel cut-out: Ø 22.3 mm
 Colour: light-grey

 IRL3M

IP65



Insulated plastic enclosure, 5 mounting holes

Fastening holes: Ø 5.2mm
 Equipped: no
 Weight: 300 g
 Material: ABS
 Cable entry: with PVC cable entry on the top: Ø 20.2 mm
 break-through wall at the bottom: Ø 20.2 mm

Mounting holes: 5
 Panel cut-out: Ø 22.3 mm
 Colour: light-grey

 IRL5M

Equipped Insulated Plastic Enclosures

Illustration

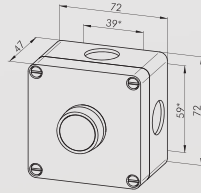
Dimensions

Description

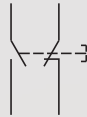
Type

IP65

6 mm



Equipped insulated plastic enclosure for one actuator

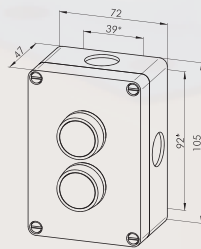


Fastening holes: Ø 4.2mm
 Contact equipment: 1NC + 1NO
 Equipped: yes
 Weight: 115 g
 Material: ABS
 Cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.
 Switching function: momentary action
 Mounting holes: 1
 Colour: light-grey

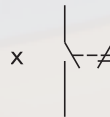
 IRF1

IP65

6 mm



Equipped insulated plastic enclosure for two actuators



Fastening holes: Ø 4.2mm
 Contact equipment: 1NC + 1NO (per switching point)
 Equipped: yes
 Weight: 171 g
 Material: ABS
 Cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.
 Switching function: momentary action
 Mounting holes: 2
 Colour: light-grey

 IRF2

Equipped Insulated Plastic Enclosures

Illustration

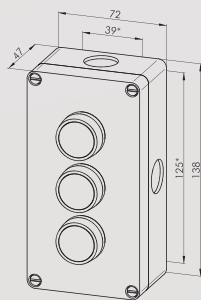
Dimensions

Description

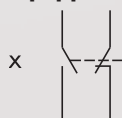
Type

IP65

↓ 6 mm



Equipped insulated plastic enclosure for three actuators



Fastening holes: Ø 4.2mm

Contact equipment: 1NC + 1NO (per switching point)

Equipped: yes

Weight: 217 g

Material: PA6

Cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.

Switching function: momentary action

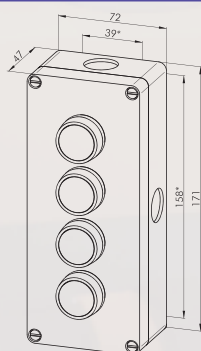
Mounting holes: 3

Colour: light-grey

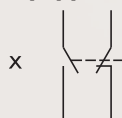


IP65

↓ 6 mm



Equipped insulated plastic enclosure for four actuators



Fastening holes: Ø 4.2mm

Contact equipment: 1NC + 1NO (per switching point)

Equipped: yes

Weight: 269 g

Material: PA6

Cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.

Switching function: momentary action

Mounting holes: 4

Colour: light-grey

