





Enclosures

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Stainless Steel Enclosure

SVAL

Stainless Steel Enclosure

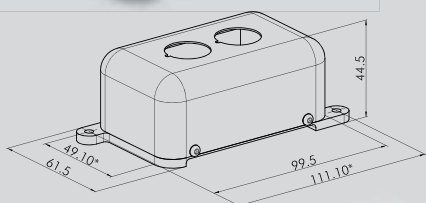
Illustration

Dimensions

Description

Type

IP69K



Stainless Steel Enclosure with 2 illuminated pushbuttons - also suitable for hygienic applications

SVAB22/2_01

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


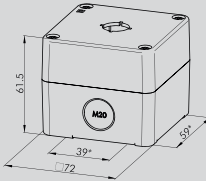

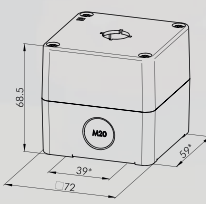

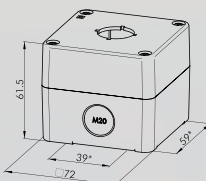

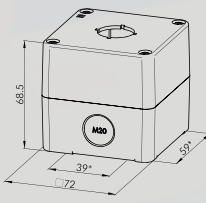
LED rated voltage: 24 V / AC/DC
 LED rated current: 7 / 15 mA

other versions on request

mounting holes equipped 2
 Yes

Insulated Plastic Enclosures

SIL... enclosures with M12 connection and special assemblies on request.

Illustration	Dimensions	Description	Type
		<p>Insulated Plastic Enclosure with 1 mounting hole</p> <p>cUL^{us}</p> <p>mounting holes 1 equipped No weight 96 g cable entry break-through wall M20 mounting depth 59 mm Mounting diameter Ø 16 mm colour black bottom part/yellow cover</p>	SIL16/1
		<p>High Insulated Plastic Enclosure with 1 mounting hole</p> <p>cUL^{us}</p> <p>mounting holes 1 equipped No weight 104 g cable entry break-through wall M20 mounting depth 66 mm Mounting diameter Ø 16 mm colour black bottom part/yellow cover</p>	SILH16/1
		<p>Insulated Plastic Enclosure with 1 mounting hole</p> <p>cUL^{us}</p> <p>mounting holes 1 equipped No weight 96 g cable entry break-through wall M20 mounting depth 59 mm Mounting diameter Ø 22 mm colour black bottom part/yellow cover</p>	SIL22/1
		<p>High Insulated Plastic Enclosure with 1 mounting hole</p> <p>cUL^{us}</p> <p>mounting holes 1 equipped No weight 104 g cable entry break-through wall M20 mounting depth 66 mm Mounting diameter Ø 22 mm colour black bottom part/yellow cover</p>	SILH22/1

Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
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IP65
IP67



Hand-held Enclosure for the automation and process measuring & control technology

incl. cable entry, front plate with fastening screws and wall holder

mounting holes equipped	0
material	plastic
cable entry	M20x1.5
Mounting diameter	without mounting hole
colour	yellow

IRZU



General Data

Type Reference:	MT...
Approvals:	CCC, CSA, ENEC05, KEMA, CE, GOST-R, TÜV_SÜD, CE, UkrSepro, UL
Protection class:	II (protective insulation)
Operation travel:	6 mm
Connection type:	screw connection 2x2.5mm ²
Contact material:	AgNi
Max. storage temperature:	-50°C ... 85°C
Max. operating temperature:	-30°C ... 85°C, without illumination -30°C ... 55°C, using incandescent lamps -30°C ... 65°C, using LED's
Mechanical life:	1m operations
Electrical life (rated load):	1m operations at rated load
Contact resistance NO:	< 20 mOhm
Contact resistance NC:	< 20 mOhm
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

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

Utilisation category:	alternate current	direct current
Rated insulation voltage Ui:	AC15 A600	DC13 Q600
Rated operating voltage Ue:	600 V	600 V
Rated operating current Ie:	250V / 440V	440V / 250V / 125V / 60V / 24V
Breaking capacity:	3A / 1.6A	0.12A / 0.2A / 0.4A / 1A / 2A
Continuous thermal current:	10Ie	1.1Ie
	16 A	

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage Ue:	250 V~ / 440 V~
Rated current Ie:	16(10) A / 10(6) A

Technical Data - Lamp

Lamp socket:	BA9s
Max. lamp voltage:	250 V / (CSA max. 150V)
Max. lamp output:	2 W
Definition:	X1...anode, X2...cathode

Electrical Features - 5µm gold-plating, type addition ...AU

Switching voltage:	20mV ... 42V AC/DC
Switching current:	1mA ... 250mA
Contact resistance (new state):	< 50 mOhm

Note

Electrical Data acc. to UL 508

Ratings:	A600, 600 V AC
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Equipped Insulated Plastic Enclosures

SIL...enclosures with M12 connection and special assemblies on request

Illustration	Dimensions	Description	Type
<p>IP65</p>		<p>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 For technical data on the appropriate contact blocks refer to previous page. Mounting hole dia. 4.2 mm equipped Yes cable entry break-through wall M20 Contact equipment 2NC colour black bottom part/yellow cover</p>	<p>SIL_QRBUVOO</p>
<p>IP65</p>		<p>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 For technical data on the appropriate contact blocks refer to previous page. Mounting hole dia. 4.2 mm equipped Yes cable entry break-through wall M20 Contact equipment 2NC colour black bottom part/yellow cover</p>	<p>SIL_QRBLUVOO</p>
<p>IP65</p>		<p>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 For technical data on the appropriate contact blocks refer to previous page. Mounting hole dia. 4.2 mm NOTE: The user must ensure the emergency stop with protective shroud to be easy accessible! equipped Yes cable entry break-through wall M20 Contact equipment 2NC colour black bottom part/yellow cover</p>	<p>SIL_QRSKUV00</p>

Equipped Insulated Plastic Enclosures

SIL...enclosures with M12 connection and special assemblies on request

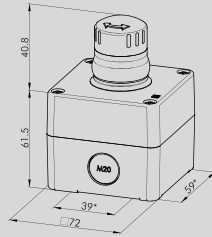
Illustration

Dimensions

Description

Type

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

For technical data on the appropriate contact blocks refer to previous page.

Mounting hole dia. 4.2 mm

equipped Yes
cable entry break-through wall M20

Contact equipment 2NC

colour black bottom part/yellow cover

SIL_QRUVPOO

General Data

Type Reference: ASI_SAW16A, ASI_SAW16E, ASI_SAW22A, ASI_SAW22E,
Description: AS-Interface Slave (Safety at Work)
Approvals: ASI, cCSAus, GOST-R, TÜV_SÜD, CE, UkrSepro

Communication

- AS-Interface specification: V 2.1
- Slave profile: ASI_SAWxxA S-7.B.E
ASI_SAWxxE S-0.B.E
- Standby delay time: < 1s
- Input delay: < 5ms
- Connection: via 2-pole IDC connector(3.96mm) with lock mechanism and strain relief
type ref.: "ASI_SL2AWG18"
- Addressing: via integrated connector or separate addressing connector *)

Ambient Conditions

- Operating temperature: -25 °C ...+70 °C
- Humidity: up to 95%, non-condensing
- Degree of protection /slave: IP20
- Pollution degree: 2 (acc. to IEC 60947-1)

Electrical Data

- Operating voltage: 26.5...3.6 V, through the AS-Interface line
- Total power consumption: ASI_SAWxxA: <= 60 mA
ASI_SAWxxE: <= 50 mA
- Reverse polarity protection: available
- Contacts: two positive opening contacts acc. to IEC60947-5-5
- Safety integrity level: SIL 3

- Output (not safe): for the control of a LED *)
Rated voltage: 24 V DC (+10%)
Max. power consumption: approx. 15mA
Short circuit/overload: LED output
Connection cable: type ref.: "VK_JST025BKL", "VK_JST034"

Norms and Standards


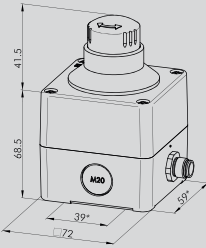


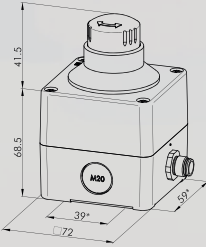


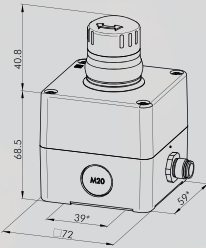

- Complete AS-Interface Specification, Version 2.11 Rev.1, V3.0 Rev. 0
- IEC 62026-2, IEC 60204-1, IEC 61508, EN 13850, IEC 60947-5-5
- TÜV Type Approval, UL/CSA Approval
- AS-Interface Certificate 62801

- The Schlegel ASi slaves comply with the specification
AS-Interface POWER24 and can also be operated at 24 V.



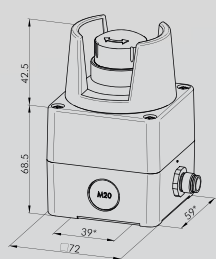

*) refers only to types ASI_SAW16A, ASI_SAW22A (with additional addressing connector)



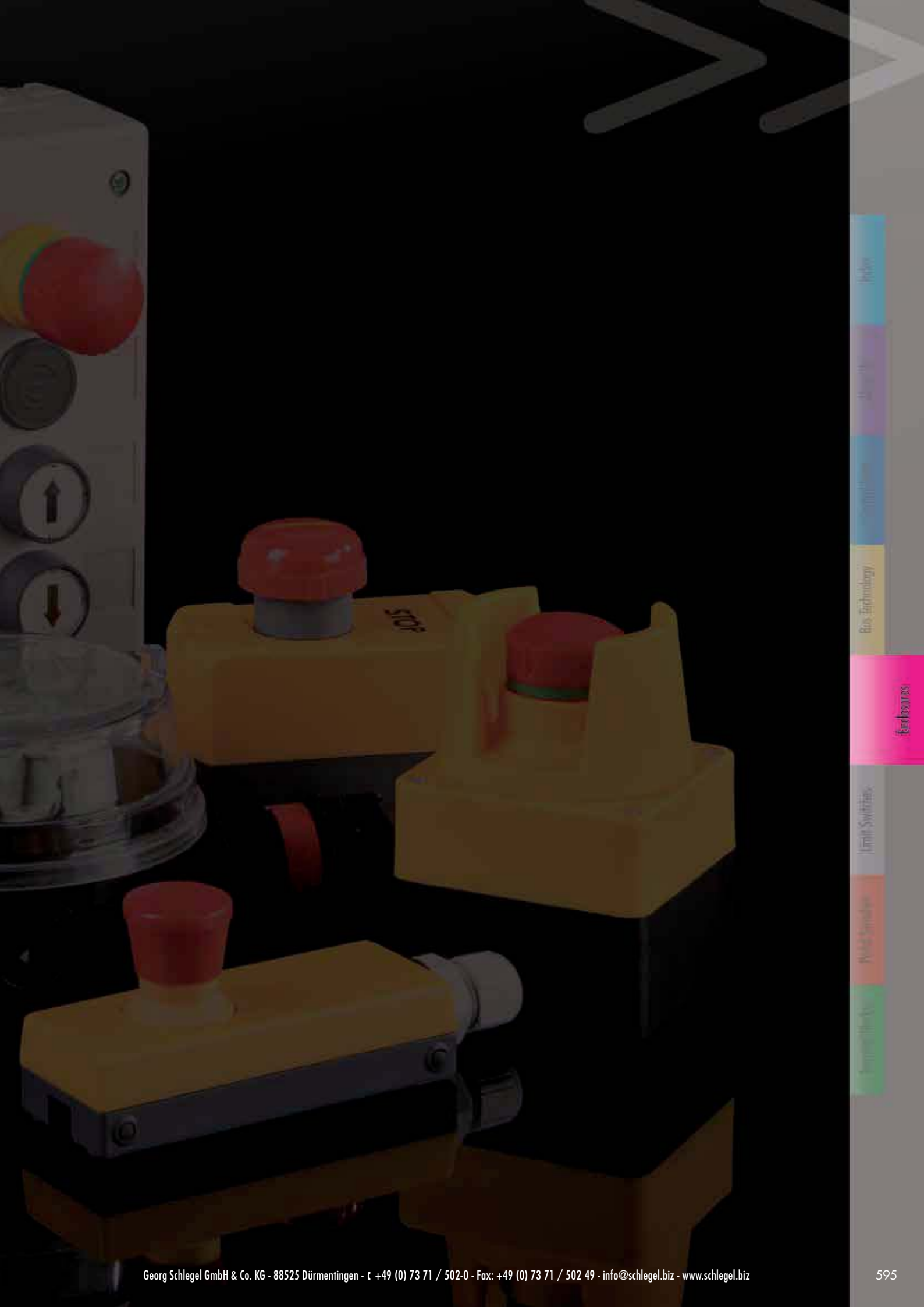
Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p>IP65</p> 		<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)</p> <p>equipped Yes Contact equipment bus-compatible colour black bottom part/yellow cover</p>	<p>SILH_ASIE_QRBUV</p>
<p>IP65</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)</p> <p>equipped Yes Contact equipment bus-compatible colour black bottom part/yellow cover</p>	<p>SILH_ASI_QRBLUV</p>
<p>IP69K</p> 		<p>AS-Interface Emergency-stop Control Station - Safety at Work -</p> <p> ASI slave: ASI_SAW22E actuator: QRUVV for hygienic application, (compliant with BG acc. to DIN EN 1672-2 and GS-FW 01/01)</p> <p>Connection: foolproof acc. to EN ISO 13850 M12 (4 poles)</p> <p>equipped Yes Contact equipment bus-compatible colour black bottom part/yellow cover</p>	<p>SILH_ASIE_QRUVV</p>

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: QRSKUV, foolproof acc. to EN ISO 13850 Connection: M12 (4 poles)</p> <p>equipped Yes Contact equipment bus-compatible colour black bottom part/yellow cover</p>	<p>SILH_ASIE_QRSKUV</p>





Polster
Kabelkanäle
Bus-Technologie

Handbohrer

Leuchten/Schlitzen

Werkzeuge

Formenbau

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) acc. to EN 60947-5-1: non-illuminated AC15 B300 250V/1.5A, Ith 5A DC13 Q300, 250V/0.27A
- > Electrical life (rated load): illuminated SELV
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 the 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

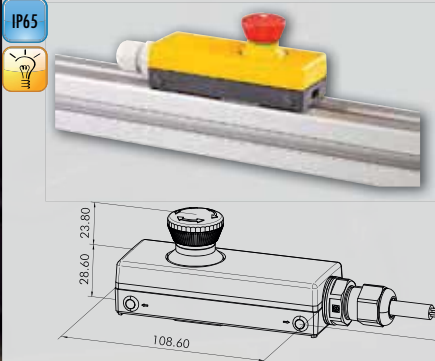
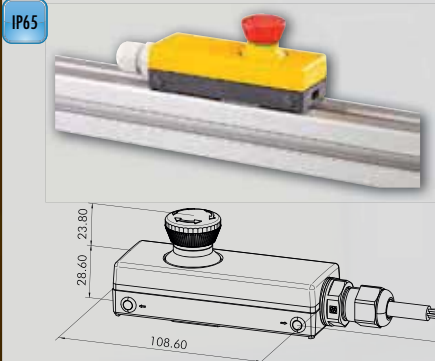
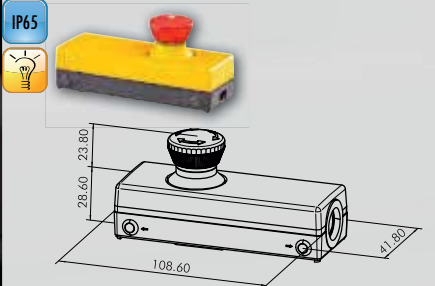
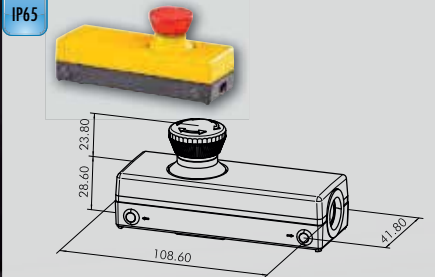
3



- > ready

4

Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p>IP65</p> 		<p>minibox with lateral cable entry M16 illuminated emergency-stop pushbutton equipped Yes Contact equipment 2NC colour dark-grey bottom part/yellow cover</p>	MBP_FRVKLOO
<p>IP65</p> 		<p>minibox with lateral cable entry M16 illuminated emergency-stop pushbutton equipped Yes Contact equipment 2NC colour dark-grey bottom part/yellow cover</p>	MBP_FRVKOO
<p>IP65</p> 		<p>minibox with bottom-side cable entry M20 illuminated emergency-stop pushbutton equipped Yes Contact equipment 2NC colour dark-grey bottom part/yellow cover</p>	MBW_FRVKLOO
<p>IP65</p> 		<p>minibox with bottom-side cable entry M20 illuminated emergency-stop pushbutton equipped Yes Contact equipment 2NC colour dark-grey bottom part/yellow cover</p>	MBW_FRVKOO

Equipped Insulated Plastic Enclosures

ready-to-connect, M12 connection

Illustration	Dimensions	Description	Type												
<p>IP65</p>		<p>minibox with M12 cable entry (4 poles)</p> <p>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</p> <p>Contact material: AgNi Electrical life: 50.000 at rated load Positive opening: acc. to EN 60947-5-1, appendix K Test voltage M12 plug: 2.0 kV</p> <p><u>Electrical Data acc. to IEC/EN 60947-5-1 (VDE 0660 sect. 200)</u></p> <table border="0"> <tr> <td>Utilisation category:</td> <td>alternating current</td> <td>direct current</td> </tr> <tr> <td>Rated operating voltage Ue:</td> <td>AC15</td> <td>DC13</td> </tr> <tr> <td>Rated operating current Ie:</td> <td>240V</td> <td>250V</td> </tr> <tr> <td></td> <td>1.5A</td> <td>0.27A</td> </tr> </table> <p>equipped: Yes Contact equipment: 2NC, positive opening contact colour: dark-grey bottom part/yellow cover</p>	Utilisation category:	alternating current	direct current	Rated operating voltage Ue:	AC15	DC13	Rated operating current Ie:	240V	250V		1.5A	0.27A	<p>MBM124- FRVKOO</p>
Utilisation category:	alternating current	direct current													
Rated operating voltage Ue:	AC15	DC13													
Rated operating current Ie:	240V	250V													
	1.5A	0.27A													
<p>IP65</p>		<p>minibox with M12 cable entry (8 poles)</p> <p>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.</p> <p>Contact material: AgNi, gold-plating 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</p> <p><u>Electrical Data</u></p> <p>Operating voltage: 1V... 36V Operating current: 1mA ... 250mA</p> <p>equipped: Yes Contact equipment: 1 NO + 2 NC (positive opening contacts) colour: dark-grey bottom part/yellow cover</p>	<p>MBM128- FRVKOOI</p>												

Equipped Insulated Plastic Enclosures

ready-to-connect, M12 connection

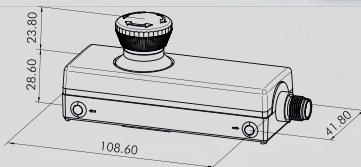
Illustration

Dimensions

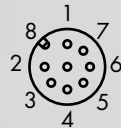
Description

Type

IP65



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



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:

1 mA ... 250mA

LED lighting:

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

equipped

Yes

Contact equipment

2NC, positive opening contact

colour

dark-grey bottom part/yellow cover

MBM128_
FRVKLOO

Insulated Plastic Enclosures

The degree of protection depends on the type of control units that are mounted.
other enclosure colours on request

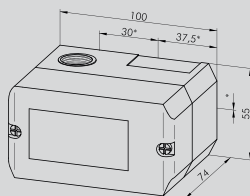
Illustration

Dimensions

Description

Type

IP65



Insulated Plastic Enclosure, 1 mounting hole

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

mounting holes 0
equipped No
weight 165 g
material polyamide 6
cable entry M20x1.5
mounting depth 69 mm
Mounting diameter without mounting hole
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V
DIRL1VGB

mounting holes 1
Mounting diameter \varnothing 16 mm
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V-R16
DIRL1VGB-R16

mounting holes 1
Mounting diameter \varnothing 22 mm
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V-R22
DIRL1VGB-R22

mounting holes 1
Mounting diameter 23 x 23 mm
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V-Q23
DIRL1VGB-Q23

mounting holes 1
Mounting diameter 24 x 24 mm
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V-Q24
DIRL1VGB-Q24

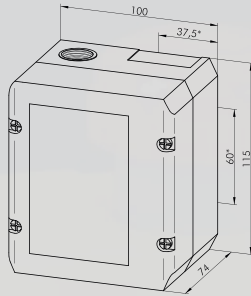
mounting holes 1
Mounting diameter 26 x 26 mm
colour dark-grey bottom part/light-grey cover
colour dark-grey bottom part/yellow cover

DIRL1V-Q26
DIRL1VGB-Q26

Insulated Plastic Enclosures

The degree of protection depends on the type of control units that are mounted.
other enclosure colours on request

IP65



Insulated Plastic Enclosure, 2 mounting holes

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

equipped No
weight 270 g
material polyamide 6
cable entry M20x1.5
mounting depth 69 mm
Mounting diameter without mounting hole
colour dark-grey bottom part/light-grey cover

DIRL2-3V

mounting holes 2
Mounting diameter Ø 16 mm
colour dark-grey bottom part/light-grey cover

DIRL2V-R16

mounting holes 2
Mounting diameter Ø 22 mm
colour dark-grey bottom part/light-grey cover

DIRL2V-R22

mounting holes 2
Mounting diameter 23 x 23 mm
colour dark-grey bottom part/light-grey cover

DIRL2V-Q23

mounting holes 2
Mounting diameter 24 x 24 mm
colour dark-grey bottom part/light-grey cover

DIRL2V-Q24

mounting holes 2
Mounting diameter 26 x 26 mm
colour dark-grey bottom part/light-grey cover

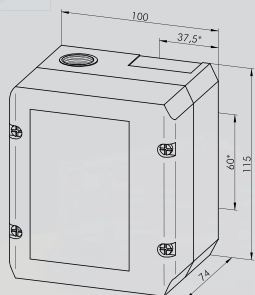
DIRL2V-Q26

Insulated Plastic Enclosures

The degree of protection depends on the type of control units that are mounted.
other enclosure colours on request

Illustration	Dimensions	Description	Type
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IP65



Insulated Plastic Enclosure, 3 mounting holes

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

mounting holes	3
equipped	No
weight	270 g
material	polyamide 6
cable entry	M20x1.5
mounting depth	69 mm
Mounting diameter	Ø 16 mm
colour	dark-grey bottom part/light-grey cover

DIRL3V-R16

mounting holes	3
Mounting diameter	Ø 22 mm
colour	dark-grey bottom part/light-grey cover

DIRL3V-R22

mounting holes	3
Mounting diameter	23 x 23 mm
colour	dark-grey bottom part/light-grey cover

DIRL3V-Q23

mounting holes	3
Mounting diameter	24 x 24 mm
colour	dark-grey bottom part/light-grey cover

DIRL3V-Q24


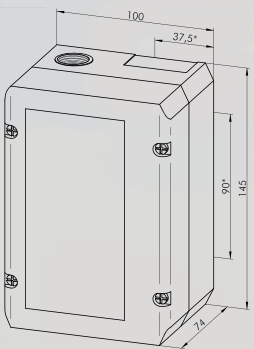
mounting holes	3
Mounting diameter	26 x 26 mm
colour	dark-grey bottom part/light-grey cover

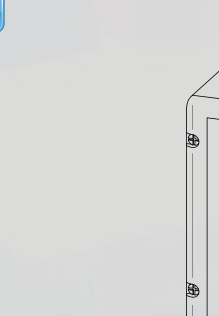
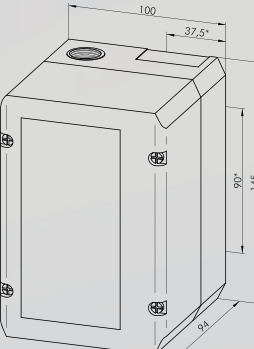
DIRL3V-Q26



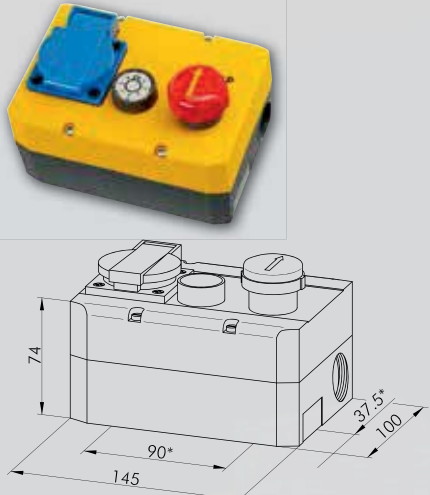
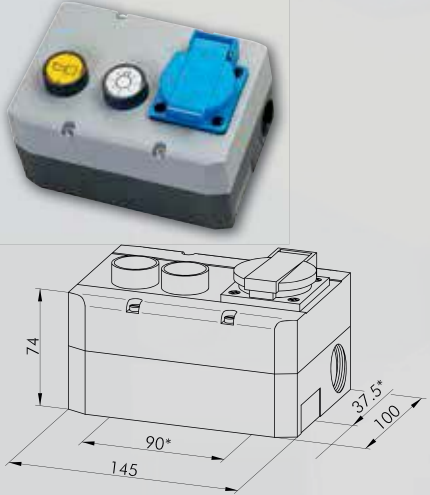
Insulated Plastic Enclosures

The degree of protection depends on the type of control units that are mounted.
other enclosure colours on request

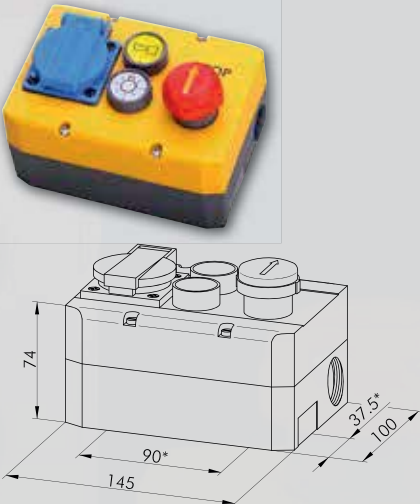
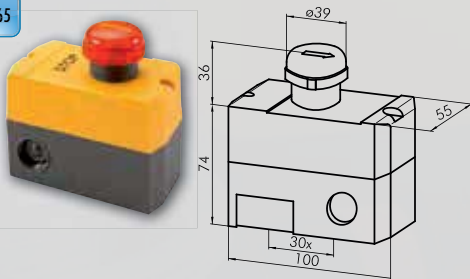
Illustration	Dimensions	Description	Type
		Insulated Plastic Enclosure, 4 mounting holes made of polyamide 6, empty or equipped, with anodized aluminium front plate (engraving, printing or laser marking on request) equipped No weight 310 g material polyamide 6 cable entry M25x1.5 mounting depth 69 mm Mounting diameter without mounting hole colour dark-grey bottom part/light-grey cover	DIRL4V
		mounting holes 4 Mounting diameter \varnothing 16 mm colour dark-grey bottom part/light-grey cover	DIRL4V-R16
		mounting holes 4 Mounting diameter \varnothing 22 mm colour dark-grey bottom part/light-grey cover	DIRL4V-R22
		mounting holes 4 Mounting diameter 23 x 23 mm colour dark-grey bottom part/light-grey cover	DIRL4V-Q23
		mounting holes 4 Mounting diameter 24 x 24 mm colour dark-grey bottom part/light-grey cover	DIRL4V-Q24
		mounting holes 4 Mounting diameter 26 x 26 mm colour dark-grey bottom part/light-grey cover	DIRL4V-Q26

		High Insulated Plastic Enclosure, 4 mounting holes same as DIRL4V-R22 but with high lid, accepting 4 control units, each with two contact levels mounting holes 4 material polyamide 6 cable entry M25x1.5 mounting depth 89 mm Mounting diameter \varnothing 22 mm colour dark-grey bottom part/light-grey cover	DIRL4V-R22-H
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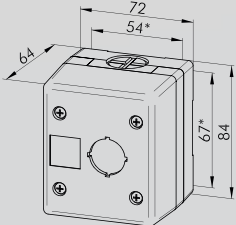
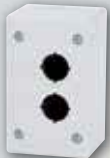
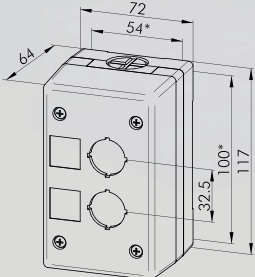

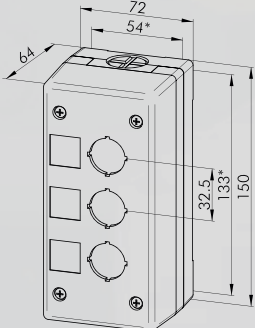
Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p data-bbox="156 584 193 616">IP65</p> 	<p data-bbox="655 593 1013 622">Elevator Safety Control Station</p> <p data-bbox="655 627 1276 750">Insulated plastic enclosure made of polyamide 6, printed „STOP“, including 1 emergency-stop pushbutton with yellow arrow marking which clearly defines the switching position, 1 illuminated pushbutton for the hoistway lighting and a Schuko socket</p> <p data-bbox="655 757 1189 840">equipped cable entry: Yes, M25x1.5 colour: dark-grey bottom part/yellow cover</p>	DIR/GRU-I	
<p data-bbox="156 1167 193 1198">IP65</p> 	<p data-bbox="655 1176 1013 1205">Elevator Safety Control Station</p> <p data-bbox="655 1209 1276 1288">Insulated plastic enclosure made of polyamide 6, including 1 illuminated pushbutton for the hoistway lighting, 1 alarm pushbutton and a Schuko socket</p> <p data-bbox="655 1294 1220 1377">equipped cable entry: Yes, M25x1.5 colour: dark-grey bottom part/light-grey cover</p>	DIR/GRU-II	

Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p data-bbox="108 591 140 613">IP65</p> 	<p data-bbox="608 591 954 613">Elevator Safety Control Station</p> <p data-bbox="608 629 1225 752">Insulated plastic enclosure made of polyamide 6, printed „STOP“, including 1 emergency-stop pushbutton with yellow arrow marking which clearly defines the switching position, 1 illuminated pushbutton for the hoistway lighting, 1 alarm pushbutton and a Schuko socket</p> <p data-bbox="608 759 1134 837">equipped Yes cable entry M25x1.5 colour dark-grey bottom part/yellow cover</p>	<p>DIR/GRU-III</p>	
<p data-bbox="108 1173 140 1196">IP65</p> 	<p data-bbox="608 1173 1177 1196">Emergency-stop Station for the elevator cage roof</p> <p data-bbox="608 1211 1225 1290">Insulated plastic enclosure marked STOP. The yellow arrow on the E-stop clearly defines the switching position. The standard version includes 1 NC (screw connection).</p> <p data-bbox="608 1296 1225 1341">Acc. to the EN81 regulations new lifts have to be equipped with an emergency-stop switch with switching position indicator.</p> <p data-bbox="608 1368 1134 1473">equipped Yes cable entry M20x1.5 Mounting diameter Ø 22 mm colour dark-grey bottom part/yellow cover</p>		<p>DIRB1GB_OS</p>

Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
		<p>Insulated Plastic Enclosure</p> <p>Fastening holes: \varnothing 5.2mm</p> <p>mounting holes 1</p> <p>equipped No</p> <p>weight 165 g</p> <p>material plastic</p> <p>cable entry with PVC cable entry on the top: 22.6 mm dia. break-through wall at the bottom: 22.6 mm dia.</p> <p>Mounting diameter \varnothing 22 mm</p> <p>colour light-grey</p>	<p>IRL1M</p> <p>IRL1M_GELB</p>
<p>* Fastening hole dimensions</p>		<p>colour yellow</p>	
		<p>Insulated Plastic Enclosure</p> <p>Fastening holes: \varnothing 5.2mm</p> <p>mounting holes 2</p> <p>equipped No</p> <p>weight 195 g</p> <p>material plastic</p> <p>cable entry with PVC cable entry on the top: 22.6 mm dia. break-through wall at the bottom: 22.6 mm dia.</p> <p>Mounting diameter \varnothing 22 mm</p> <p>colour light-grey</p>	<p>IRL2M</p>
<p>* Fastening hole dimensions</p>			
		<p>Insulated Plastic Enclosure</p> <p>Fastening holes: \varnothing 5.2mm</p> <p>mounting holes 3</p> <p>equipped No</p> <p>weight 230 g</p> <p>material plastic</p> <p>cable entry with PVC cable entry on the top: 22.6 mm dia. break-through wall at the bottom: 22.6 mm dia.</p> <p>Mounting diameter \varnothing 22 mm</p> <p>colour light-grey</p>	<p>IRL3M</p>
<p>* Fastening hole dimensions</p>			

Insulated Plastic Enclosures

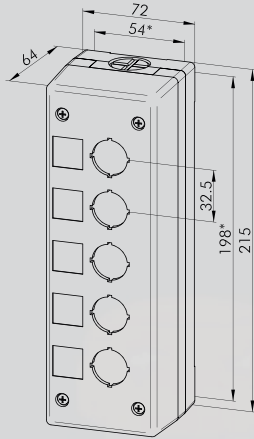
Illustration

Dimensions

Description

Type

IP65



Insulated Plastic Enclosure

Fastening holes: \varnothing 5.2mm

mounting holes	5
equipped	No
weight	300 g
material	plastic
cable entry	with PVC cable entry on the top: 22.6 mm
dia. break-through wall at the bottom:	22.6 mm dia.
Mounting diameter	\varnothing 22 mm
colour	light-grey

IRL5M

* Fastening hole dimensions

General Data

Type Reference:	FT...
Description:	Contact block for base-plate mounting, with positive opening contact
Approvals:	CE, UkrSepro
Protection class:	II (protective insulation)
Operation travel:	6 mm
Connection type:	screw connection 2x2.5mm ²
Contact material:	AgNi
Max. storage temperature:	-50°C ... 80°C
Max. operating temperature:	-30°C ... 70°C
Mechanical life:	1m operations
Electrical life (rated load):	1m at 250V/10(6)A 250.000 at 250V/16(10)A 500.000 at 250V/5A (AC15)
Contact resistance NO:	< 20 mOhm (new state)
Contact resistance NC:	< 20 mOhm (new state)
Min. current:	1 mA (under laboratory conditions)
Min. voltage:	5 V
Bouncing time NO:	< 10ms
Bouncing time NC:	< 10ms
Positive opening contact:	acc. to EN60947-5-1, appendix. K

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

	alternate current	direct current
Utilisation category:	AC15	DC13
Rated insulation voltage U _i :	400V	400V
Rated operating voltage U _e :	400V / 250V	400V / 250V / 125V / 60V / 24V
Rated operating current I _e :	3 A / 5A	0.12A / 0.2A / 0.4A / 1A / 2A
Breaking capacity:	10I _e	1.1I _e
Continuous thermal current:	10A	10A

Electrical data acc. to IEC/EN 61058-1 (VDE 0630 Sect. 1)

Rated voltage U _e :	250 V~ / 400 V~
Rated current I _e :	10(6) A / 6(3) A

Note


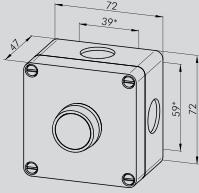
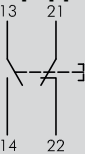

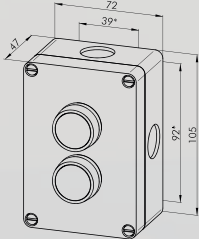
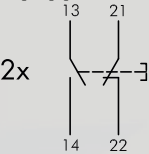
Note for emergency-stop contact blocks:

In case of inverters of the Za form (in terms of EN 60947-5-1), only the NC contact must be used for the remotely controlled safety circuit.

Only for IRF enclosures



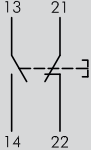
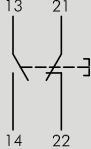
Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p>IP65</p> 		<p>Equipped Insulated Plastic Enclosure</p>  <p>Technical data of the appropriate contact blocks see previous page</p> <p>Fastening holes: Ø 4.2mm</p> <p>mounting holes 1</p> <p>equipped Yes</p> <p>weight 115 g</p> <p>material plastic</p> <p>cable entry on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.</p> <p>Contact equipment 1NC + 1NO</p> <p>Switching function momentary action</p> <p>colour light-grey</p>	<p>IRF1</p>
<p>IP65</p> 		<p>Equipped Insulated Plastic Enclosure</p>  <p>2x</p> <p>Technical data of the appropriate contact blocks see previous page</p> <p>Fastening holes: Ø 4.2mm</p> <p>mounting holes 2</p> <p>equipped Yes</p> <p>weight 171 g</p> <p>material plastic</p> <p>cable entry on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia.</p> <p>Contact equipment 2 actuators, each with 1 NC + 1 NO</p> <p>Switching function momentary action</p> <p>colour light-grey</p>	<p>IRF2</p>

* Fastening hole dimensions

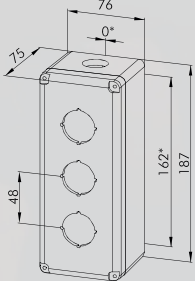
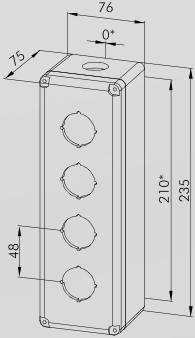
* Fastening hole dimensions

Equipped Insulated Plastic Enclosures

Illustration	Dimensions	Description	Type
<p data-bbox="204 898 469 929">* Fastening hole dimensions</p>		<p data-bbox="655 591 1070 622">Equipped Insulated Plastic Enclosure</p> <p data-bbox="655 667 692 698">3x</p>  <p data-bbox="655 770 1289 801">Technical data of the appropriate contact blocks see previous page</p> <p data-bbox="655 801 1289 1061"> Fastening holes: Ø 4.2mm mounting holes: 3 equipped: Yes weight: 217 g material: plastic cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia. Contact equipment: 3 actuators, each with 1 NC + 1 NO Switching function: momentary action colour: light-grey </p> <p data-bbox="1299 1032 1358 1064">IRF3</p>	
<p data-bbox="204 1496 469 1527">* Fastening hole dimensions</p>		<p data-bbox="655 1137 1070 1169">Equipped Insulated Plastic Enclosure</p> <p data-bbox="655 1214 692 1245">4x</p>  <p data-bbox="655 1317 1289 1348">Technical data of the appropriate contact blocks see previous page</p> <p data-bbox="655 1348 1289 1608"> Fastening holes: Ø 4.2mm mounting holes: 4 equipped: Yes weight: 269 g material: plastic cable entry: on the top/bottom: 21 mm dia. on the side/back: 21 mm dia./19 mm dia. Contact equipment: 4 actuators, each with 1 NC + 1 NO Switching function: momentary action colour: light-grey </p> <p data-bbox="1299 1579 1358 1610">IRF4</p>	

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Fastening holes: Ø 5.2mm

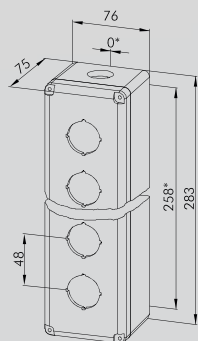
Illustration	Dimensions	Description	Type
<p>IP65</p> 		<p>Robust Cast Aluminium Enclosure</p> <p>mounting holes 1 equipped No weight 450 g material cast aluminium cable entry on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5</p>	<p>Mounting diameter Ø 30 mm colour blue AKL1M</p> <p>Mounting diameter Ø 22 mm colour blue ARL1M</p>
<p>IP65</p> 		<p>Robust Cast Aluminium Enclosure</p> <p>mounting holes 2 equipped No weight 580 g material cast aluminium cable entry on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5</p>	<p>Mounting diameter Ø 30 mm colour blue AKL2M</p> <p>Mounting diameter Ø 22 mm colour blue ARL2M</p>
<p>IP65</p> 		<p>Robust Cast Aluminium Enclosure</p> <p>mounting holes 3 equipped No weight 780 g material cast aluminium cable entry on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5</p>	<p>Mounting diameter Ø 30 mm colour blue AKL3M</p> <p>Mounting diameter Ø 22 mm colour blue ARL3M</p>
<p>IP65</p> 		<p>Robust Cast Aluminium Enclosure</p> <p>mounting holes 4 equipped No weight 950 g material cast aluminium cable entry on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5</p>	<p>Mounting diameter Ø 30 mm colour blue AKL4M</p> <p>Mounting diameter Ø 22 mm colour blue ARL4M</p>

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Fastening holes: Ø 5.2mm

Illustration	Dimensions	Description	Type
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IP65



Robust Cast Aluminium Enclosure

mounting holes	5
equipped	No
weight	1150 g
material	cast aluminium
cable entry	on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5

Mounting diameter Ø 30 mm
colour blue

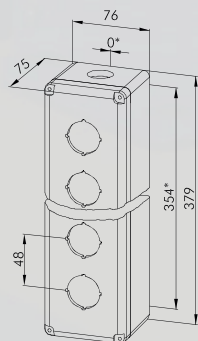
AKL5M

Mounting diameter Ø 22 mm
colour blue

ARL5M

* Fastening hole dimensions

IP65



Robust Cast Aluminium Enclosure

mounting holes	7
equipped	No
weight	1350 g
material	cast aluminium
cable entry	on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5

Mounting diameter Ø 30 mm
colour blue

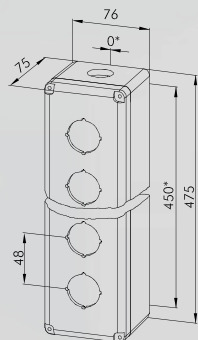
AKL7M

Mounting diameter Ø 22 mm
colour blue

ARL7M

* Fastening hole dimensions

IP65



Robust Cast Aluminium Enclosure

mounting holes	9
equipped	No
weight	1830 g
material	cast aluminium
cable entry	on the top: 1 x M25x1,5 at the bottom: 1 x M25x1,5

Mounting diameter Ø 30 mm
colour blue

AKL9M

Mounting diameter Ø 22 mm
colour blue

ARL9M

* Fastening hole dimensions

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety.
Fastening holes: \varnothing 5.2mm

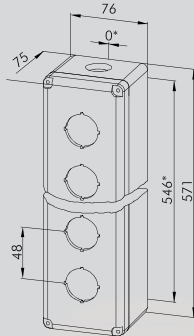
Illustration

Dimensions

Description

Type

IP65



Robust Cast Aluminium Enclosure

mounting holes 11
equipped No
weight 1950 g
material cast aluminium
cable entry on the top: 1 x M25x1,5
at the bottom: 1 x M25x1,5

Mounting diameter \varnothing 30 mm
colour blue

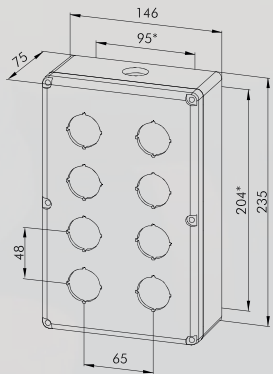
AKL11M

Mounting diameter \varnothing 22 mm
colour blue

ARL11M

* Fastening hole dimensions

IP65



Robust Cast Aluminium Enclosure

mounting holes 2x4
equipped No
weight 1700 g
material cast aluminium
cable entry on the top: 1 x M25x1,5
at the bottom: 2 x M25x1,5

Mounting diameter \varnothing 30 mm
colour blue

AKL8M-II

Mounting diameter \varnothing 22 mm
colour blue

ARL8M-II

* Fastening hole dimensions

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Fastening holes: \varnothing 5.2mm

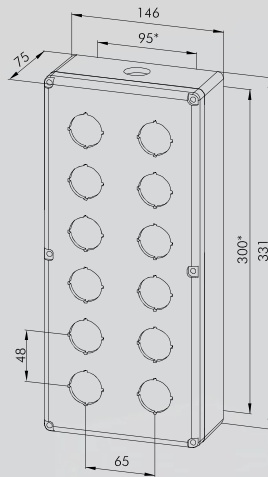
Illustration

Dimensions

Description

Type

IP65



Robust Cast Aluminium Enclosure

mounting holes 2x6
 equipped No
 weight 1965 g
 material cast aluminium
 cable entry on the top: 1 x M25x1,5
 at the bottom: 2 x M25x1,5

Mounting diameter \varnothing 30 mm
 colour blue

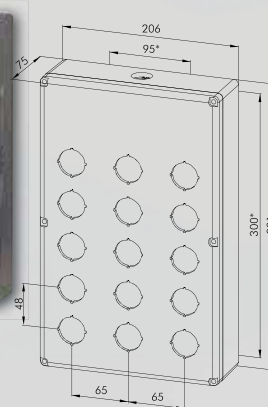
AKL12M-II

Mounting diameter \varnothing 22 mm
 colour blue

ARL12M-II

* Fastening hole dimensions

IP65



Robust Cast Aluminium Enclosure

mounting holes 3x5
 equipped No
 weight 2800 g
 material cast aluminium
 cable entry on the top: 1 x M25x1,5
 at the bottom: 2 x M25x1,5

Mounting diameter \varnothing 30 mm
 colour blue

AKL15M-III

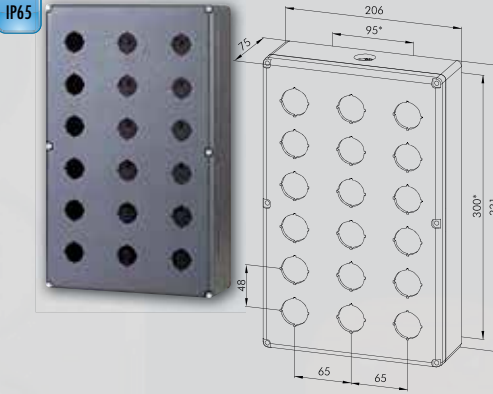
Mounting diameter \varnothing 22 mm
 colour blue

ARL15M-III

* Fastening hole dimensions

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety.
Fastening holes: \varnothing 5.2mm

Illustration	Dimensions	Description	Type
	<p>Robust Cast Aluminium Enclosure</p> <p>mounting holes 3x6 equipped No weight 2800 g material cast aluminium cable entry on the top: 1 x M25x1,5 at the bottom: 2 x M25x1,5</p> <p>Mounting diameter \varnothing 30 mm colour blue</p> <p>Mounting diameter \varnothing 22 mm colour blue</p>	<p>AKL18M-III</p> <p>ARL18M-III</p>	
<p>* Fastening hole dimensions</p>			

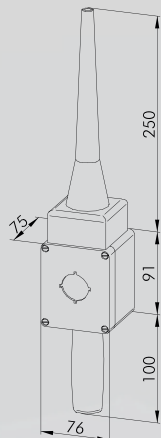
PKL

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
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IP65



Robust Pendant Pushbutton Station

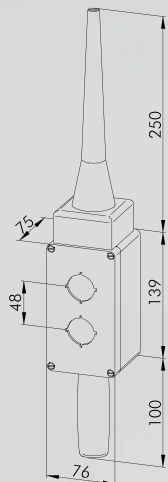
mounting holes 1
 equipped No
 weight 800 g
 material cast aluminium
 Mounting diameter \varnothing 30 mm
 colour yellow

PKL1

Mounting diameter \varnothing 22 mm
 colour yellow

PRL1

IP65



Robust Pendant Pushbutton Station

mounting holes 2
 equipped No
 weight 900 g
 material cast aluminium
 Mounting diameter \varnothing 30 mm
 colour yellow


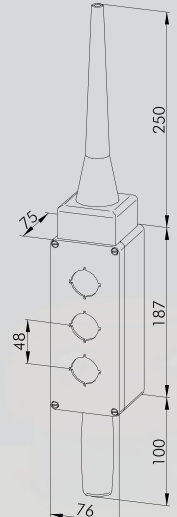

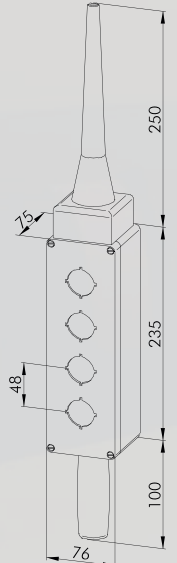
PKL2

Mounting diameter \varnothing 22 mm
 colour yellow

PRL2

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
<p>IP65</p> 		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 3 equipped No weight 1100 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p>	<p>PKL3</p>
		<p>Mounting diameter Ø 22 mm colour yellow</p>	<p>PRL3</p>
<p>IP65</p> 		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 4 equipped No weight 1343 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p>	<p>PKL4</p>
		<p>Mounting diameter Ø 22 mm colour yellow</p>	<p>PRL4</p>

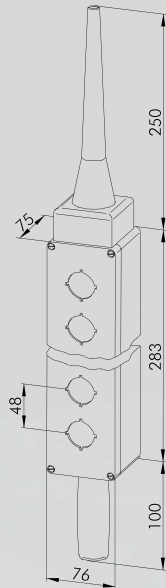
PKL

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
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IP65



Robust Pendant Pushbutton Station

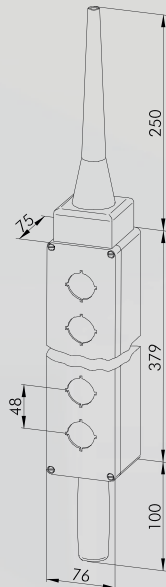
mounting holes 5
 equipped No
 weight 1350 g
 material cast aluminium
 Mounting diameter Ø 30 mm
 colour yellow

PKL5

Mounting diameter Ø 22 mm
 colour yellow

PRL5

IP65



Robust Pendant Pushbutton Station

mounting holes 7
 equipped No
 weight 1550 g
 material cast aluminium
 Mounting diameter Ø 30 mm
 colour yellow

PKL7

Mounting diameter Ø 22 mm
 colour yellow

PRL7

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 2x4 equipped No weight 1850 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p> <p>Mounting diameter Ø 22 mm colour yellow</p>	<p>PKL8-II</p> <p>PRL8-II</p>
		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 9 equipped No weight 2000 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p> <p>Mounting diameter Ø 22 mm colour yellow</p>	<p>PKL9</p> <p>PRL9</p>

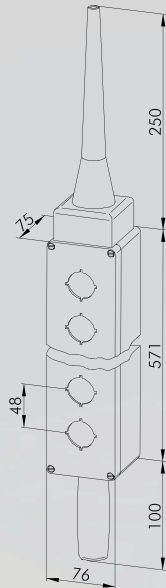
PKL

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
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IP65



Robust Pendant Pushbutton Station

mounting holes	11
equipped	No
weight	2200 g
material	cast aluminium
Mounting diameter	Ø 30 mm
colour	yellow

PKL11


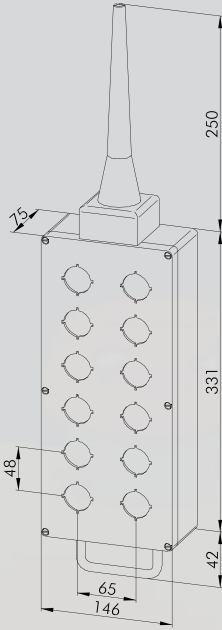

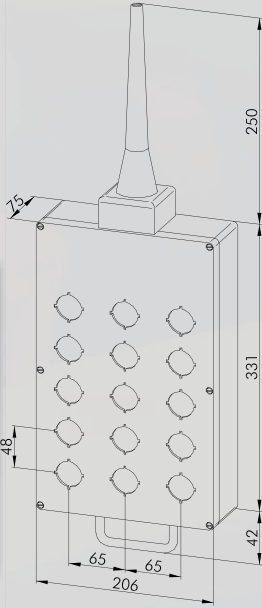
Mounting diameter	Ø 22 mm
colour	yellow

PRL11



Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 2x6 equipped No weight 2050 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p>	PKL12-II
		<p>Mounting diameter Ø 22 mm colour yellow</p>	PRL12-II
		<p>Robust Pendant Pushbutton Station</p> <p>mounting holes 3x5 equipped No weight 2700 g material cast aluminium Mounting diameter Ø 30 mm colour yellow</p>	PKL15-3
		<p>Mounting diameter Ø 22 mm colour yellow</p>	PRL15-3

PKL

Metal Enclosures

made of impact-resistant, robust aluminium alloy casting for highest demands. With its double insulation and the high reliability of the suitable control units the aluminium enclosures ensure utmost electrical and mechanical safety. Flexible non-buckling sealing sleeve (DS) and adjustable strain relief included as standard.

Illustration	Dimensions	Description	Type
		Robust Pendant Pushbutton Station mounting holes 3x6 equipped No weight 2700 g material cast aluminium Mounting diameter Ø 30 mm colour yellow	PKL18-3
		Mounting diameter Ø 22 mm colour yellow	PRL18-3



Features & Benefits

- 5-way box with 2 open entries (20 mm) acc. to IEC 60079-0, 60079-7, 60079-15
- Revolutionary „Click Locking“ lid design eliminates cross threading problems
- Domed lid allows for easy insertion of conductors into the terminal blocks of the IK series
- Completely impact resistant and non-corrosive
- Long-lasting IP68 replaceable sealing gasket
- Patented, invertible cranked brass terminal rail ensures lots of space for end conductors and insertion of conductors into IK terminal blocks
- Integrated earth continuity system using patented earthing harness
- Lid security lug complying with IEC 60079-0, 600
- 4 mounting feet prevent rocking on uneven surfaces

The main feature that sets the Klik-Lok junction box apart from all the other junction boxes is the unique cam action of the lid that eliminates cross threading problems.

This new concept has made maintenance inspections that much easier and faster, whilst maintaining the integrity of the gasket seal by ensuring an even, predetermined pressure.

High Domed Lid

Provides space to work and allows the quick and easy insertion of conductors into the terminal blocks above the level of the rim. (The lid is also available in transparent polycarbonate, as depicted here).

Pratley Cable Glands for Armoured or Unarmoured Cables

The Klik-Lok box accepts only Pratley cable glands No. 0 and No. 1 (20 mm). (Pratley Enviroglands and Enviro Compression glands are the preferred option, as depicted here).



Identification Tag

Supplied with the box for easy circuit identification or for easy recording by inspectors. This tag is attached to a cable tie, which passes through the lid securing lug on the Klik-Lok latch.

Tough Reinforced Engineering Plastic

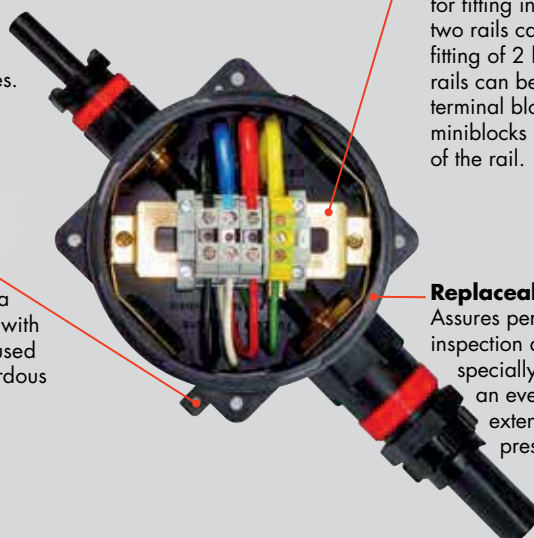
Makes the box completely impact resistant and non-corrosive.

5-Way Box with 2 Open Entries (20 mm)

The box is supplied standard with two open gland entries and three closed entries (back entry included). Closed entries may be drilled out, as required, using a hole saw. Glands or conduits can be fitted to the entries.

Cranked Brass Terminal Rail

This patented rail can be inverted so that the box has lots of space for end connectors. In the normal raised position conductors can be passed under the rail with a generous radius for fitting into the terminal blocks. Alternatively, two rails can be 'piggybacked' to allow for the fitting of 2 layers of terminal blocks. (Additional rails can be purchased separately.) IK3 or IK5 terminal blocks can be fitted to the rail, while miniblocks HK3 may be clipped onto the inside of the rail.



Lid Security Lug on Klik-Lok Latch

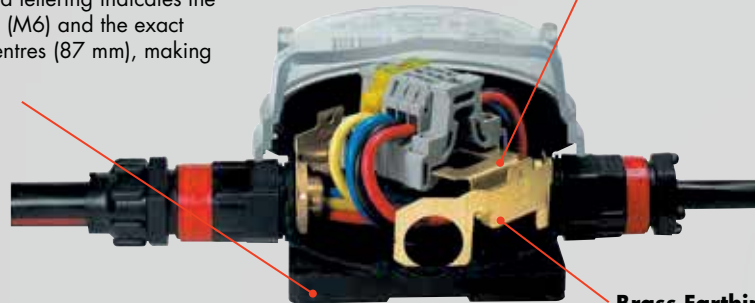
Permits quick and simple lid security using a tie-wrap or lock. Ensures legal compliance with IEC60079-0, which require that a tool be used to remove a cover from enclosures in hazardous locations.

Replaceable Sealing Gasket

Assures perfect IP68/IP66 seal and makes inspection and repair quick and easy. A specially formed labyrinth seal ensures an even, all-around seal that has been extensively tested to 60 kPa water pressure.

Mounting Foot

These 4 mounting feet prevent rocking on uneven surfaces and the box's tough plastic design prevents any cracking while tightening the lug screws. Embossed lettering indicates the size of screw to be used (M6) and the exact measurement for hole centres (87 mm), making drilling quick and easy.



Internal Earth Lug

Brass Earthing Harness

Ensures earthing continuity between all entries and terminal rail.

Lid Securing Lug and Lid Securing Strap

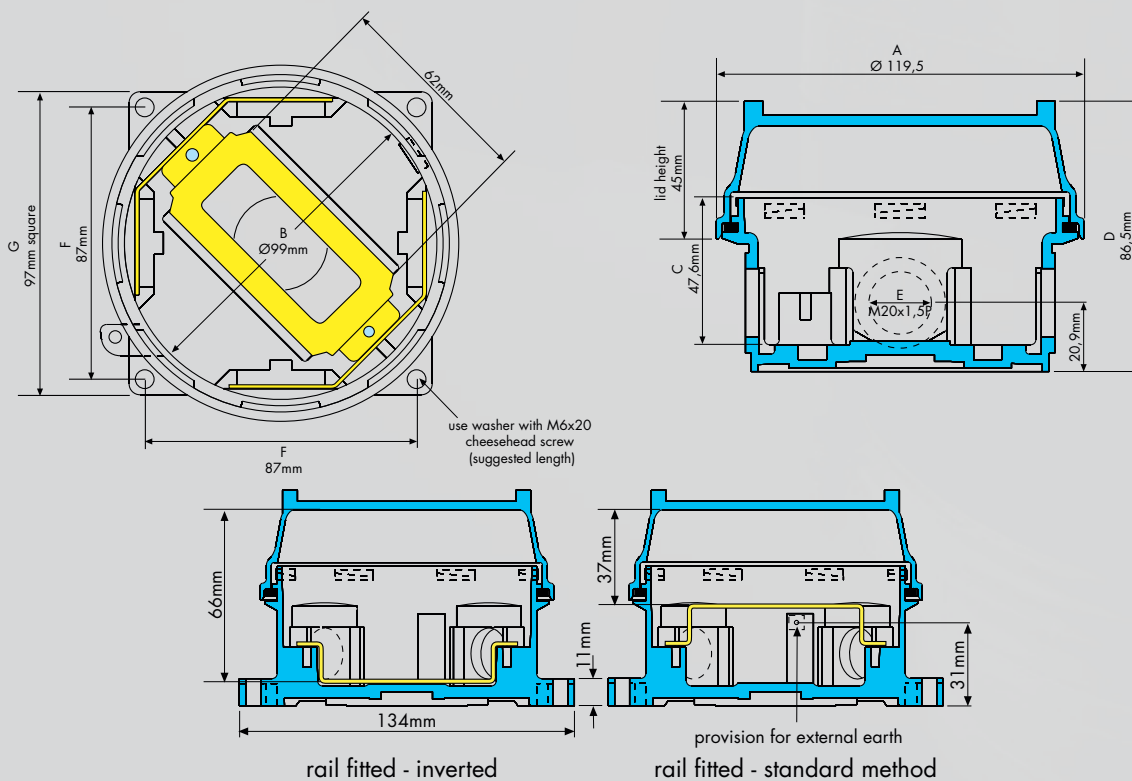
Eliminates frustration by ensuring that you never drop or lose the lid.



Klik-Lok Cam Action

The use of locking cams ensures quick and easy access to the box and eliminates cross threading problems.

Dimensions and Specifications - Klik-lok Box No.1



Klik-Lok Box No. 2 on request – Dimensions Ø 149.0 x height 110.5 mm / M25 x 1.5 P / max. 5.8 W

IK Terminal Blocks

See chart below for number of terminal blocks that can be fitted per rail (including end plates and end clamps).

Number of IK terminals per Klik-Lok Box	
IK 3 750 V / 900 V 2.5 mm ² / 27 A	IK 5 750 V / 800 V 4.0 mm ² / 36 A
Ex e IK3 550 V 2.5 mm ² / 15 A	Ex e IK5 550 V 4.0 mm ² / 21 A
max. 8	max. 8

The box can be fitted with Pratley end connectors as well, but not for Ex e (Zone 1) locations. IK3 terminals are the only size terminal that can be used as „piggyback“ terminals inside the box.

Safety Note: In Zone 1 locations use only Ex e approved Pratley-Kwikbloks. Attention: maximum dissipated power on the box 4.4 W

Methods of Fitting

Standard or inverted brass terminal rail

Patented, cranked terminal rail allows easy fitting of wires into connectors.



standard method



inverted method

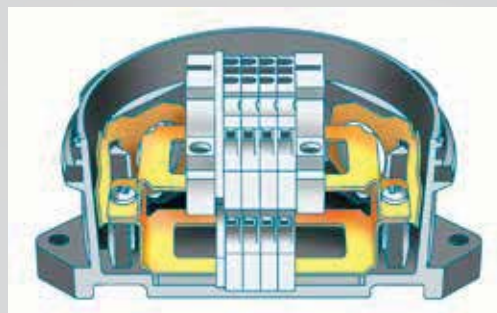
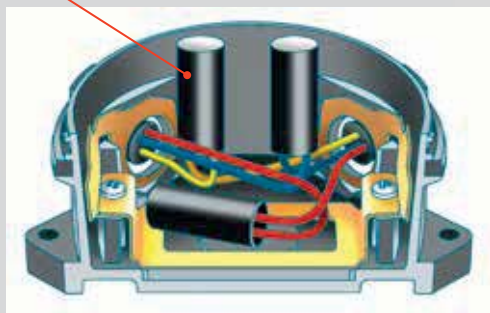
Klik-Lok Box with inverted terminal rail

Illustration shows inverted terminal rail and fitting of Pratley non-sparking end connectors with insulating sleeves. The inverted rail also facilitates earthing continuity with the bottom entry.

Klik-Lok Box with piggyback rails

Illustration shows fitting piggyback rails to allow for 2 layers of IK terminal blocks. This method is not suitable for miniature terminal blocks.

Safety Note: End connectors not for use in Ex e locations (Zone 1)



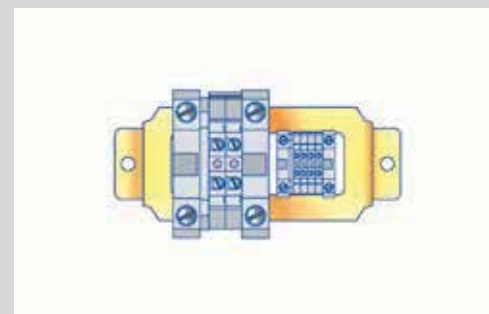
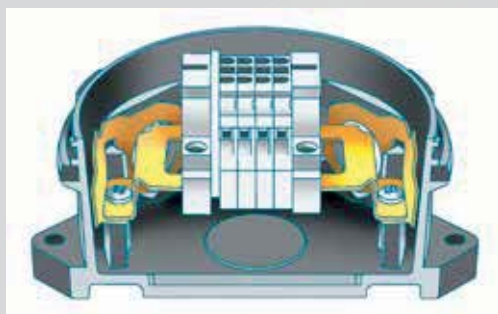
Klik-Lok Box with standard terminal rail

Illustration shows standard method of fitting IK terminal blocks to terminal rail.

Safety Note: For Zone 1 locations use Pratley Ex e Kwikbloks only.

Illustration shows fitting of standard IK3 or IK5 terminal blocks and miniature type HK3.

Miniature terminal blocks clip inside the rail.



Junction Boxes

Klik-lok Junction Box

Junction Boxes

The cable junction box is supplied complete with a gasket, cranked brass terminal rail with two screws, brass earthing harness, securing strap, cable tie and identification tag.

This box is suitable for armoured and unarmoured cables fitting Pratley cable glands No. 0s, No. 0 and No. 1.

Illustration

Dimensions

Description

Type



Exe/Ex Junction Box with polycarbonate lid

equipped No
junction box black
lid clear

KLBI_57274



Exe/Ex Junction Box with standard lid

equipped No
junction box black
lid black

KLBI_57273



Polycarbonate Lid

The cover is clear, unbreakable, IP68, Ex e and Ex n rated.

colour clear

KLDE_57281



Standard Lid

colour black

KLDE_57280



Identification Tag

KLE_57266

Supplied together with the box, for easy recording of inspection dates or for circuit identification.

1 pack of ten



Cranked Brass Terminal Rail

KLS_57267

The unique design of the rail allows for an additional rail to be added to the box - inverted. Additional terminal blocks can be added as required.



Replaceable Sealing Gasket

KLDI_57269

Ensures perfect IP68/IP66 seal and makes inspection and repair quick and easy. A special formulated labyrinth sealing ensures an even, all-round seal that has been extensively tested to 60 kPa of water pressure.

Junction Boxes


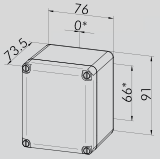

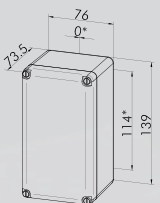

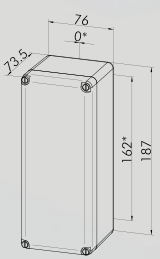

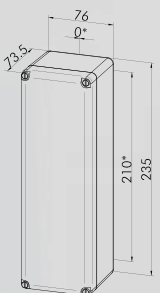
Illustration	Dimensions	Description	Type
		<p>Tufflon Blanking Plug (20 mm)</p> <p>Blanking plugs are supplied complete with sealing gaskets (locknuts need to be ordered separately to secure blanking plugs).</p>	KLVST_57800
		<p>Brass Blanking Plug (20 mm)</p> <p>Blanking plugs are supplied complete with sealing gaskets (locknuts need to be ordered separately to secure blanking plugs).</p>	KLVSM_61080
		<p>Steel Locknut (20 mm)</p> <p>to secure the blanking plug</p>	KLSMS_02111
		<p>Brass Locknut (20 mm)</p> <p>to secure the blanking plug</p>	KLSMM_02880
		<p>Cable Gland for armoured SWA cables</p> <p>Ex e/n: yes corrosion resistant: yes suitable for use in danger zone: 1, 2, 21 & 22 certified acc. to: IEC, SANS degree of protection: IP68 The plastic encapsuled brass cable glands Ex.e. Enviro and Ex e/d Enviro Compression are the recommended choice for all applications. Other cable glands on request, e.g. for strong acidic environments</p>	<p>No. Os KLKV_31999 No. 0 KLKV_32000 No. 1 KLKV_32001</p>
		<p>Cable Gland for unarmoured cables</p> <p>Ex e/n: yes corrosion resistant: yes suitable for use in danger zone: 1, 2, 21 & 22 certified acc. to: IEC, BS EN, SANS degree of protection: IP68 The plastic encapsuled brass cable glands Ex.e. Enviro and Ex e/d Enviro Compression are the recommended choice for all applications. Other cable glands on request, e.g. for strong acidic environments</p>	<p>No. 0 KLKV_32100 No. 1 KLKV_32101</p>

Junction Boxes

Terminal Box


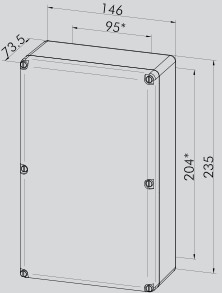




Junction Boxes

On special request, the terminal boxes can also be supplied with the required holes.

Illustration	Dimensions	Description	Type
 <p>* Fastening hole dimensions</p>		<p>Terminal Box equipped weight 500 g material cast aluminium colour grey</p>	K9
 <p>* Fastening hole dimensions</p>		<p>Terminal Box equipped weight 600 g material cast aluminium colour grey</p>	K14
 <p>* Fastening hole dimensions</p>		<p>Terminal Box equipped weight 700 g material cast aluminium colour grey</p>	K19
 <p>* Fastening hole dimensions</p>		<p>Terminal Box equipped weight 1000 g material cast aluminium colour grey</p>	K23

Junction Boxes

On special request, the terminal boxes can also be supplied with the required holes.

Illustration	Dimensions	Description	Type
		<p>Terminal Box equipped weight material colour</p> <p>No 1800 g cast aluminium grey</p>	K24
* Fastening hole dimensions			
		<p>Terminal Box equipped weight material colour</p> <p>No 1200 g cast aluminium grey</p>	K28
* Fastening hole dimensions			
		<p>Terminal Box equipped weight material colour</p> <p>No 1850 g cast aluminium grey</p>	K34
* Fastening hole dimensions			

Junction Boxes

On special request, the terminal boxes can also be supplied with the required holes.

Illustration

Dimensions

Description

Type

IP65



Terminal Box

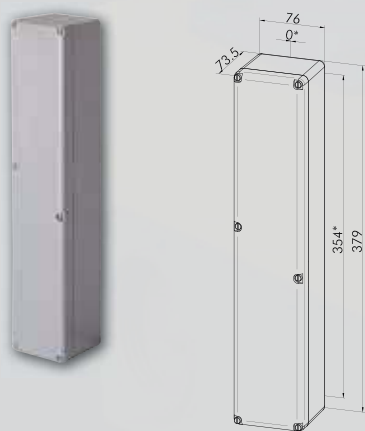
equipped
weight
material
colour

No
2600 g
cast aluminium
grey

K35

* Fastening hole dimensions

IP65



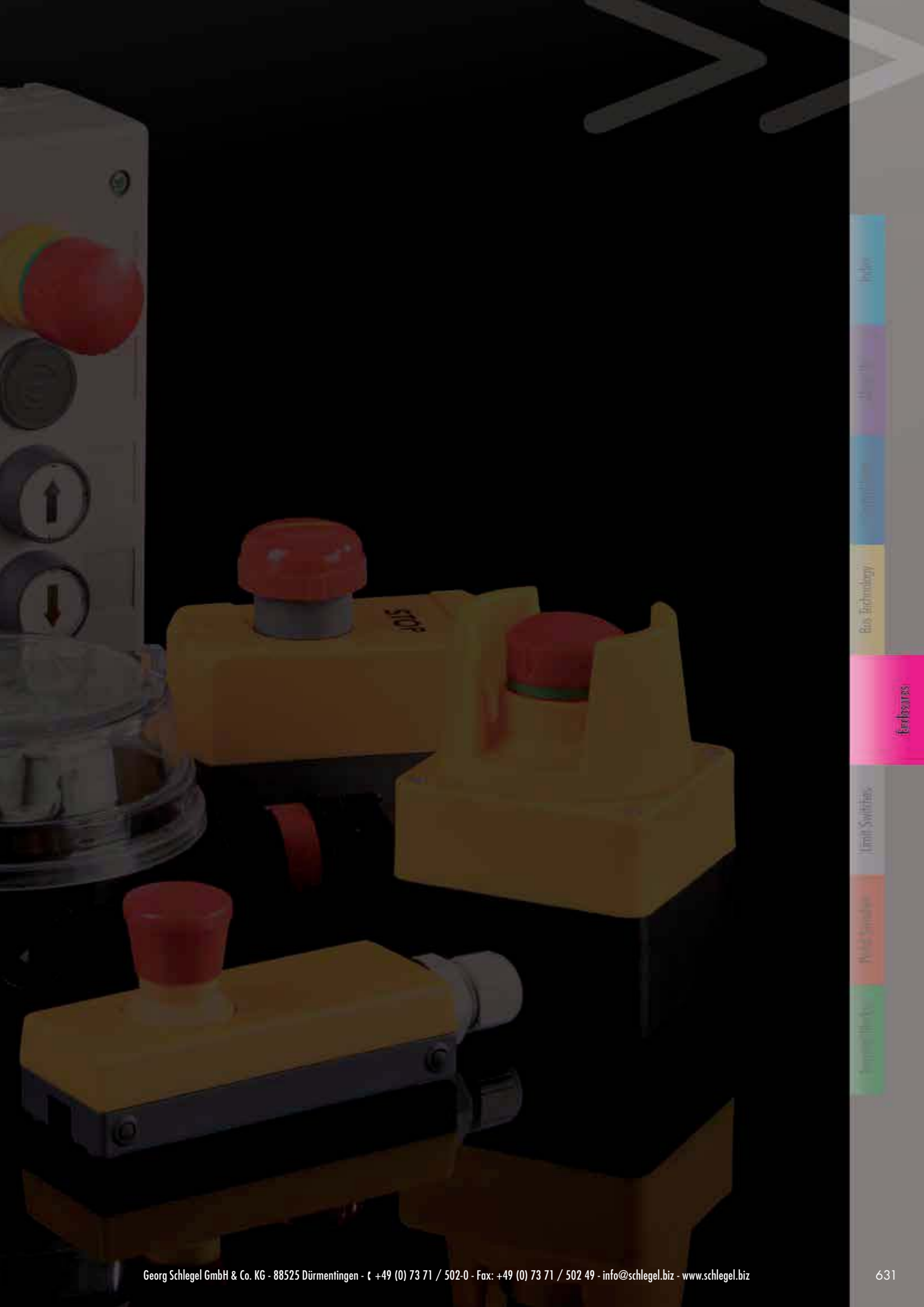
Terminal Box

equipped
weight
material
colour

No
1400 g
cast aluminium
grey

K38

* Fastening hole dimensions



Polster
Kontakthilfe
Bus-Technologie

Handpress

Limit-Schrittsch.

Wahl-Schalter

Strom-Block