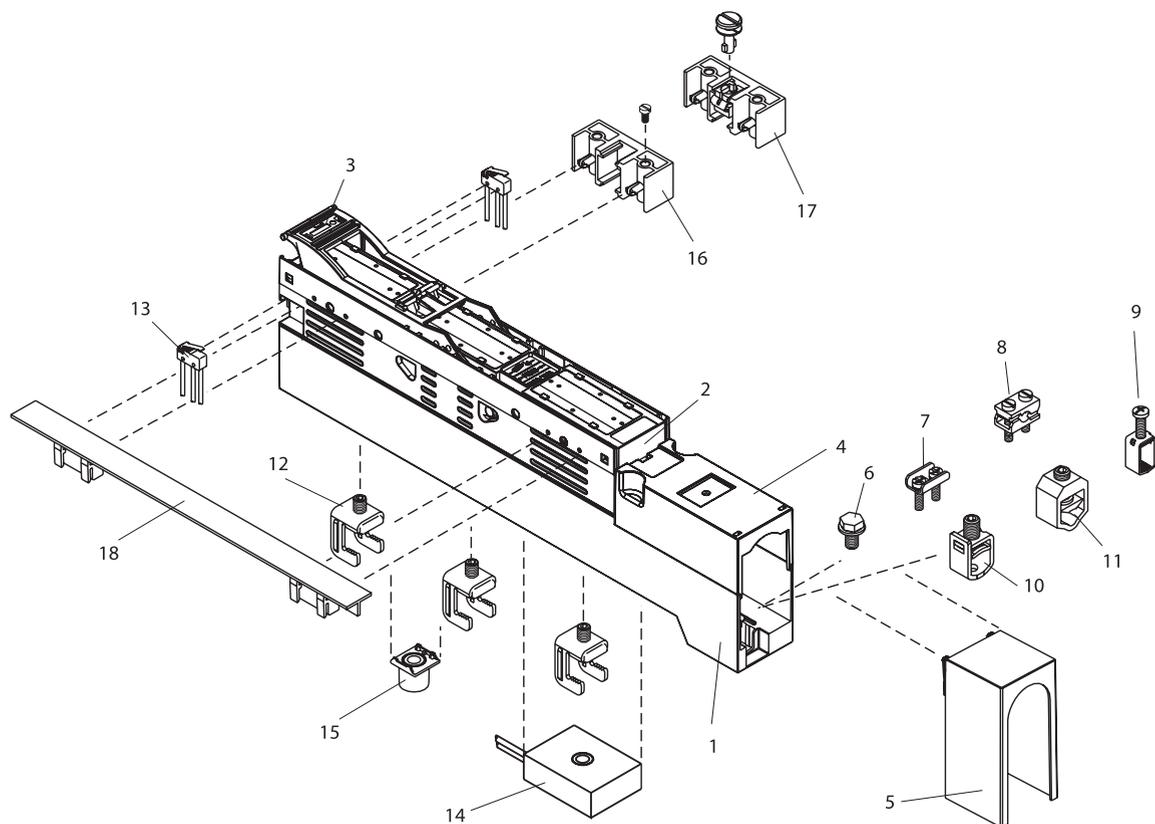


LV HRC strip type fuseswitch - disconnectors are mainly used for power distribution in low voltage assemblies in accordance with IEC/EN 60439-1 (VDE 0660 Teil 500). The strips are type tested in accordance with IEC/EN 60947-3. Size 00 - 4a 1 - pole and 3 - pole switchable versions are available.

- Top or bottom cable connection as required
- Optimum fuse pick - up contact
- Direct - connection terminal
- Double strip up to 2000 A
- 910 A compact switch strips for 630 kVA transformer supply
- Multipurpose cover
- Modular design
- High breaking capacity
- Low power loss
- Use of standard earthing accessories

Mounting of LV HRC fuse switch strips SL00 - 3 x 3 /100

Example with device and system accessories, busbar distance 100mm, 3-pole switchable

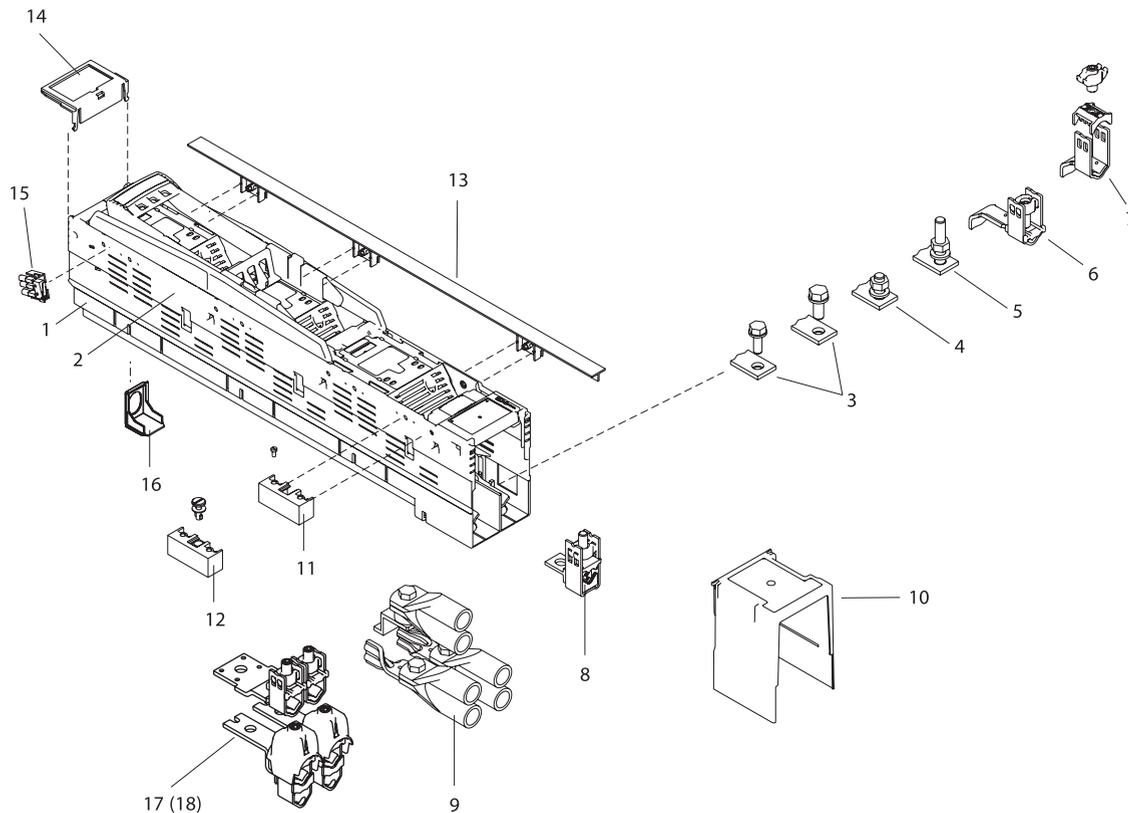


- 1 Strip base U - SL00 - 3 x 3/100
- 2 Swing - in device D - SL00 - 3 x 3/100
- 3 Actuating lever SH - SL00 - 3 x 3/100
- 4 Terminal compartment cover HA - SL00 - 3 x 3/100
- 5 Terminal compartment extension HAV - SL00 - 3 x 3/100
- 6 Flat terminal F - M8x16
- 7 Clamp - type terminal S00 - Z
- 8 V - terminal clamp P0070 - Z
- 9 Elevator clamp F70

- 10 V box terminal KU00
- 11 V box terminal KM00
- 12 Busbar terminals SK - SL00
- 13 Position indicator EV - SL00/100
- 14 Current transformers WKD50
- 15 Holder for spacer roller HDR20
- 16 Cover holder AH - SL
- 17 Cover holder with quick - release lock AH - SL/S
- 18 Cover support AHCT - SL

Mounting of LV HRC fuse switch strips SL1 - 3 x 3, SL2 - 3 x 3, SL3 - 3 x 3

Example with device and system accessories, busbar distance 185mm, 3-pole switchable



1 Strip base	U-SL1 U-SL2 U-SL3
2 Strip top	O-SL1/3 x 3 O-SL2/3 x 3 O-SL3/3 x 3
3 Screw terminal	Connectiontype 3a Gr.1 M10x 25 Gr.2, 3 M12x 30
4 Stud terminal	Connectiontype 4a Gr.1, 2, 3 M12x 35
5 Stud terminal	Connectiontype 4a - 60 Gr.1, 2, 3 M12x 60
6 Multiple V box terminal	Connection type 9 Terminal type KM2G - F 25 – 240 mm ²
7 Multiple box terminal	Connectiontype 9 Terminal type KM2G 25 – 150 mm ² 185 – 300 mm ²
8 Retrofittable direct - connection terminal	K2G/A 70 - 240mm ²
9 Kit for connection of 2 cable lugs per phase	FK2 x 240
10 Terminal compartment cover	HA - SL123/10
11 Cover holder	AH - SL
12 Cover holder with quick - release lock	AH - SL/S
13 Fastening clips with T profile	AHCT - SL
14 Designation plate, top	BZO - SL123
15 Position indicator	EV - SL/3 x 3/10
16 Hang - up device	MW - SL123
17 Terminal retrofit kit	KM2x240 - SL123/3A
18 Terminal retrofit kit	KM2x240 - SL123/9

Sizes 00 - 4a / 160A - 2000A

1 - pole switchable

Product definition

3 - pole LV HRC strip-type fuse switch-disconnectors for mounting on busbars. They combine three lengthwise - arranged 1 - pole fuse switch - disconnectors in one unit. One contact of each phase (incoming contact) is connected to one phase of a 3 - pole busbar system. The other contacts(outgoing contacts) are equipped with conductor terminals.

Applications

The universal LV HRC fuse switch - disconnectors are used in low voltage distribution cabinets, network and transformer stations and cable distribution cabinets of power supply and industrial companies, where they comply with all power distribution requirements. The following current ratings are available: 160 A, 250 A, 400 A, 630 A, size 3/910 A, size 3/1000 A with disconnecting blades, size 3/1250 A as double strip, size 3/1600 A as double strip with disconnecting blades, size 3/2000 A as double strip with disconnecting blades. Still, the series in size 4a is available up to 1250 A.

Operational principle

The fuse switch - disconnectors are used for accomodating LV HRC fuse - links and thus for breaking of circuits. They are 1-pole switchable and can be switched under load. The universal swing - in devices allow the use of current meters in conjunction with meter fuses and piggyback fuses for worksite tapping. The cable outlet (top or bottom) can be freely selected on site.

Product construction

The one - piece strip body, which accomodates current - carrying parts, consists of high - strength glass -fibre - reinforced polyester. The silver - plated contact system for accomodating the LV HRC fuse - links equipped with tin - plated discharge rails ensures low power loss, optimum thermal characteristics and high switching capacity. The downward connecting bars are designed for flat termination as standard, but it is also possible to fit direct - connection terminals. The live parts of size 1 - 3 strips, such as contacts and discharge rails, remain back - of - hand proof after removal of the upper part due to the contact covers with integrated arcing chamber which remain at the base. Twist locks allow straightforward removal and fitting of the upper parts of the strips with the swing-in devices.



Size	Busbar system	Type of connection, sizes 00 – 3 (F: flat termination, B: box terminal, S: screw terminal, ST: stud, MB: multiple box terminal)	Cable outlet (C: connection, V: variable, R: rear, T: top, B: bottom, L: lateral)	Swing - in device (S: standard, RH: retractable handle)	Std.P	Type
0	185mm	F	T/B	S	1	00 - 3X/F
0	185mm	F	T/B	RH	1	00 - 3X/F/GV
0	185mm	B	T/B	S	1	00 - 3X/KU00
0	185mm	B	T/B	RH	1	00 - 3X/KU00/GV
1	185mm	S	T/B	S	1	1 - 3X/3A
1	185mm	S	T/B	RH	1	1 - 3X/3A/GV
1	185mm	ST, M12x35	T/B	S	1	1 - 3X/4A
1	185mm	ST, M12x35	T/B	RH	1	1 - 3X/4A/GV
1	185mm	ST, M12x60	T/B	S	1	1 - 3X/4A - 60
1	185mm	ST, M12x60	T/B	RH	1	1 - 3X/4A - 60/GV
1	185mm	MB, fixed	T/B	S	1	1 - 3X/9/KM2G
1	185mm	MB, fixed	T/B	RH	1	1 - 3X/9/KM2G/GV
1	185mm	MB, loose	T/B	S	1	1 - 3X/9/KM2G - F
1	185mm	MB, loose	T/B	RH	1	1 - 3X/9/KM2G - F/GV
2	185mm	S	T/B	S	1	2 - 3X/3A
2	185mm	S	T/B	RH	1	2 - 3X/3A/GV
2	185mm	ST, M12x35	T/B	S	1	2 - 3X/4A
2	185mm	ST, M12x35	T/B	RH	1	2 - 3X/4A/GV
2	185mm	ST, M12x60	T/B	S	1	2 - 3X/4A - 60
2	185mm	ST, M12x60	T/B	RH	1	2 - 3X/4A - 60/GV
2	185mm	MB, fixed	T/B	S	1	2 - 3X/9/KM2G
2	185mm	MB, fixed	T/B	RH	1	2 - 3X/9/KM2G/GV
2	185mm	MB, loose	T/B	S	1	2 - 3X/9/KM2G - F
2	185mm	MB, loose	T/B	RH	1	2 - 3X/9/KM2G - F/GV
3/1000A	185mm	S	CRT	S	1	3 - 3X/1000/ARO
3/1000A	185mm	S	T/B	S	1	3 - 3X/1000/HA
3	185mm	S	T/B	S	1	3 - 3X/3A
3	185mm	S	T/B	RH	1	3 - 3X/3A/GV
3	185mm	ST, M12x35	T/B	S	1	3 - 3X/4A
3	185mm	ST, M12x35	T/B	RH	1	3 - 3X/4A/GV
3	185mm	ST, M12x60	T/B	S	1	3 - 3X/4A - 60
3	185mm	ST, M12x60	T/B	RH	1	3 - 3X/4A - 60/GV
3	185mm	MB, fixed	T/B	S	1	3 - 3X/9/KM2G
3	185mm	MB, fixed	T/B	RH	1	3 - 3X/9/KM2G/GV
3	185mm	MB, loose	T/B	S	1	3 - 3X/9/KM2G - F
3	185mm	MB, loose	T/B	RH	1	3 - 3X/9/KM2G - F/GV
3/910 A	185mm	S	T/B	S	1	3 - 3X/910/AO/AU-100
3/910 A	185mm	S	T/B	S	1	3 - 3X/910/AO/AU - 65
3/910 A	185mm	S	T/B	S	1	3 - 3X/910/AO/AU - 75
3/910 A	185mm	S	CRT	S	1	3 - 3X/910/ARO
3/910 A	185mm	S	CRT, 110	S	1	3 - 3X/910/ARO/110
3/910 A	185mm	S	CRBL	S	1	3 - 3X/910/ARUS
3/910 A	185mm	S	T/B	S	1	3 - 3X/910/HA
3/910 A	185mm	S	CRT, long	S	1	3 - 3x/910/AORL
3/910 A	185mm	S	CRT, short	S	1	3 - 3x/910/AORK
3/910 A	185mm	S	T	S	1	3 - 3X/910/AO - 102
3/1250 A	185mm	S	T/B	S	1	3 - 3X2/1250/HA
3/1600 A	185mm	S	T/B	S	1	3 - 3X2/1600/HA
3/2000A	185mm	S	T/B	S	1	3 - 3x2/2000/HA
4A	185mm	S	B	S	1	TL4A - 3AS/3X/4
4A/ width 147	185mm	S	B	S	1	TL4A -3AS/3X/2X3A/Q/147K
4A/ width 147	185mm	S	T	S	1	TL4A-3AS/3X/2X3A/Q/147K/AO
4A	185mm	S	T	S	1	TL4A - 3AS/3X/4/AO

Sizes 00 - 3 / 160 A – 2000 A

3-pole switchable

Product definition

3 - pole LV HRC strip-type fuse switch - disconnectors for mounting on busbars. They combine three length-wise - arranged 1- pole fuse switch - disconnectors in one unit. One contact of each phase (incoming contact) is connected to one phase of a 3 - pole busbar system. The other contacts (outgoing contacts) are equipped with conductor terminals.

Applications

The universal LV HRC fuse switch - disconnectors are used in low voltage distribution cabinets, network and transformer stations and cable distribution cabinets of power supply and industrial companies, where they comply with all power distribution requirements. The following current ratings are available: 160 A, 250 A, 400 A, 630 A, size 3/910 A, size 3/1000 A with disconnecting blades, size 3/1250 A as double strip, size 3/1600 A as double strip with disconnecting blades, size 3/2000 A as double strip with disconnecting blades.

Operational principle

The fuse switch - disconnectors are used for accommodating LV HRC fuse - links and thus for breaking of circuits. They are 3 - pole switchable and can be switched under load. The universal swing - in devices allow the use of current meters in conjunction with meter fuses and piggyback fuses for worksite tapping. The cable outlet (top or bottom) can be freely selected on site.

Product construction

The one-piece strip body, which accommodates current - carrying parts, consists of high - strength glass - fibre - reinforced plastic. The silver - plated contact system for accommodating the LV HRC fuse - links equipped with tin - plated discharge rails ensures low power loss, optimum thermal characteristics and high switching capacity. The downward connecting bars are designed for flat termination as standard, but it is also possible to fit direct - connection terminals. The live parts of size 1 – 3 strips, such as contacts and discharge rails, remain back - of - hand proof after removal of the upper part due to the contact covers with integrated arcing chamber which remain at the base. **Twist locks allow straightforward** removal and fitting of the upper parts of the strips with the swing - in devices. Electronic fuse monitor PLFuse (ES00) The PLFuse electronic fuse monitor is used for continuous fuse monitoring in 3 - phase low voltage networks. The potential - free relay contacts of the fuse monitor allow the make/break contacts to be designed for individual or centralized fault indication as required. No fuse failure is indicated in the event of network disconnection or phase failure.



Size	Busbar system	Type of connection, sizes 00 – 3 (F: flat termination, B: box terminal, S: screw terminal, ST: stud, MB: multiple box terminal, F70: elevator terminal)	Cable outlet (C: connection, V: variable, R: rear, T: top, B: bottom, L: lateral)	Electronic fuse moni- tor (400 – 690 V AC)	Std.P	Type
0	100mm	F	B	With	1	00 - 3X3/100/F/ES00
0	100mm	F	T/B	Without	1	00 - 3X3/100/F
0	100mm	F70	T/B	Without	1	00 - 3X3/100/F70
0	100mm	B	T/B	Without	1	00 - 3X3/100/KU00
0	100mm	B	T/B	Without	1	00 - 3X3/100/KM00
0	185mm	F	T/B	Without	1	00 - 3X3/F
0	185mm	B	T/B	Without	1	00 - 3X3/KU
1	185mm	S	T/B	Without	1	1 - 3X3/3A
1	185mm	S	B	With	1	1 - 3X3/3A/ES00
1	185mm	ST, M12x35	T/B	Without	1	1 - 3X3/4A
1	185mm	ST, M12x60	T/B	Without	1	1 - 3X3/4A-60
1	185mm	MB, loose	T/B	Without	1	1 - 3X3/9/KM2G - F
1	185mm	MB, fixed	T/B	Without	1	1 - 3X3/9/KM2G
2	185mm	S	T/B	Without	1	2 - 3X3/3A
2	185mm	S	B	With	1	2 - 3X3/3A/ES00
2	185mm	ST, M12x35	T/B	Without	1	2 - 3X3/4A
2	185mm	ST, M12x60	T/B	Without	1	2 - 3X3/4A - 60
2	185mm	MB, fixed	T/B	Without	1	2 - 3X3/9/KM2G
2	185mm	MB, loose	T/B	Without	1	2 - 3X3/9/KM2G - F
3/1000A	185mm	S	T/B	Without	1	3 - 3X3/1000/HA
3	185mm	S	T/B	Without	1	3 - 3X3/3A
3	185mm	S	B	With	1	3 - 3X3/3A/ES00
3	185mm	ST, M12x35	T/B	Without	1	3 - 3X3/4A
3	185mm	ST, M12x60	T/B	Without	1	3 - 3X3/4A - 60
3	185mm	MB, fixed	T/B	Without	1	3 - 3X3/9/KM2G
3	185mm	MB, loose	T/B	Without	1	3 - 3X3/9/KM2G - F
3/910A	185mm	S	T/B	Without	1	3 - 3X3/910/AO/AU-65
3/910A	185mm	S	T/B	Without	1	3 - 3X3/910/AO/AU-75
3/910A	185mm	S	T	Without	1	3 - 3X3/910/AORK
3/910A	185mm	S	T	Without	1	3 - 3X3/910/AORL
3/910A	185mm	S	T	Without	1	3 - 3X/910/AO-102
3/910A	185mm	S	T/B	Without	1	3-3X3/910/AO/AU-100
3/910A	185mm	S	CRT	Without	1	3 - 3X3/910/ARO
3/910A	185mm	S	CRBL	Without	1	3 - 3X3/910/ARUS
3/910A	185mm	S	T/B	Without	1	3 - 3X3/910/HA
3/1250A	185mm	S	T/B	Without	1	3 - 3X6/1250/HA
3/1600A	185mm	S	T/B	Without	1	3 - 3X6/1600/HA
3/2000A	185mm	S	T/B	Without	1	3 - 3X6/2000/HA

Size 3 / 630 A – 2000 A

LV HRC busbar disconnect strip, 1 – and 3 - pole switchable

Product definition

LV HRC busbar disconnect strips are 3 - pole LV HRC strip - type fuse switch - disconnectors for mounting on busbars. They combine three lengthwise - arranged 1 - pole fuse switch - disconnectors in one unit. One contact of each phase (incoming contact) is connected to one phase of a 3 - pole busbar system. The lateral outgoing connections allow coupling of a second distribution system.

Applications

The LVHRC busbar disconnect strips are used in low voltage distribution cabinets, network and transformer stations and cable distribution cabinets of power supply and industrial companies, where they comply with all power distribution requirements. The following current ratings are available: 630 A, size 3/910 A, size 3/1000 A with disconnecting blades and size 3/2000 A as double strip. Sizes 3 for 1000 A and 2000 A are delivered with disconnecting blades.

Operational principle

The busbar disconnect strips are used for accommodating LV HRC fuse - links and thus for breaking of circuits. They are 1 - and 3 - pole switchable and can be switched under load. The universal swing - in devices allow the use of current meters in conjunction with meter fuses and piggyback fuses for worksite tapping. The terminal lugs led through at the right or left side, which allow coupling of a second busbar system, are arranged in such a way that the neighbouring strip can be fitted in a 100 mm grid.

Product construction

The one - piece strip body, which accommodates current - carrying parts, consists of high - strength glass - fibre reinforced polyester. The silver - plated contact system for accommodating the LV HRC fuse-links equipped with tin - plated discharge rails ensures low power loss, optimum thermal characteristics and high switching capacity. The lateral (right or left) outgoing connections allow coupling of a second busbar system. The live parts such as contacts and terminal lugs remain back - of - hand proof after removal of the upper part due to the contact cover with integrated arcing chamber which remain at the base. Twist locks allow straightforward removal and fitting of the upper parts of the strips with the swing-in devices.

Size	Rated operational current (A)	Switched poles	Disconnecting blade	Busbar disconnection	Std.P	Type SLT3-3S...
3	630 A	1 - pole		Left side	1	L/3X
3/1000A	1000 A	1 - pole	TM3/1250	Left side	1	L/3X/1000
3/910 A	910 A	1 - pole		Left side	1	L/3X/910
3	630 A	1 - pole		Right side	1	R/3X
3/1000A	1000 A	1 - pole	TM3/1250	Right side	1	R/3X/1000
3/910 A	910 A	1 - pole		Right side	1	R/3X/910
3/2000 A	2000 A	1 - pole	TM3/1250	Right side	1	R/3X2/2000
3	630 A	3 - pole		Left side	1	L/3X3
3/1000 A	1000 A	3 - pole	TM3/1250	Left side	1	L/3X3/1000
3/910 A	910 A	3 - pole		Left side	1	L/3X3/910
3	630 A	3 - pole		Right side	1	R/3X3
3/1000 A	1000 A	3 - pole	TM3/1250	Right side	1	R/3X3/1000
3/910 A	910 A	3 - pole		Right side	1	R/3X3/910
3/2000 A	2000 A	3 - pole	TM3/1250	Right side	1	R/3X6/2000

Product definition

TERMINALS

Terminals are connectors for direct connection between connecting bars and lines.

V - TERMINAL CLAMP

The P0070 - Z V - terminal clamps are suitable for fitting to size 00 strips for the connection of circular and sector - shaped Al and Cu conductors.

CLAMP - TYPE TERMINAL

The S00 - Z terminals are suitable for fitting to size 00 strips for the connection of circular Cu conductors and Cu ribbon conductors.

KIT FOR 2 CABLE LUGS

The FK - 2x240 kit is used for the connection of 2 cable lugs of max. $2 \times 300\text{mm}^2$ per phase to size 1 to 3 strips with screw terminal. It is suitable for cable lugs up to a width of 43mm.

KIT FOR 2 CABLES, TERMINAL RETROFITTING KIT

The clamping kit is used for two cables at one phase.

BUSBAR TERMINALS FOR SIZE 00

Busbar terminals are used for drill - free direct contacting of the strip - fuseways on the busbars.

BUSBAR TERMINALS FOR SIZE 1 - 3

With the aid of the busbar clamps, strips of the sizes 1 to 3 can be mounted directly on busbars without drilling holes. The SK clamps are available for busbars with thicknesses of 5 mm to 10mm.

BUSBAR ADAPTERS / ADAPTER CLIPS

The adapters are required for combining different strip sizes, e.g. size 00 with sizes 1 to 3.

TERMINAL COMPARTMENT / TERMINAL COVER

The terminal compartment and terminal covers provide probe - safe frontal protective covering of the terminal compartment.

BLANKING PLATE

The blanking plate is used for frontal covering of exposed strip locations. It is placed on the switchboard at the bottom and is fixed at the top using an espagnolette.

BUSBAR COVER, CLIP - TYPE

The clip - type protective covers of 100 mm width are suitable for bar thicknesses of 5 mm (6 mm), 10 mm and 15 mm and bar widths of 30 mm to 100 mm. Due to their elevated position, they can also cover studs up to a length of 35 mm.

BUSBAR COVER, SCREW -TYPE

The screw - type covers of 100 mm width are fixed at busbars with M12 thread or stud. The covers of 50 mm width are fixed on busbars or adapters with M8 thread.

RESERVE PANEL COVER

The reserve panel cover is used for frontal covering of exposed strip locations and is fixed at the strip sides using AH - SL and AH - SL/S cover holders.

COVER HOLDER / LATERAL COVER SUPPORT

The cover holders and lateral cover support are used for fixing and supporting lateral covers.

DESIGNATION PLATE MOUNT

The designation plate mount is plugged on the strips at the end face. It allows fitting of an additional designation plate. When fitted in switchboards, it can also be used as support for a system cover.

POSITION INDICATOR

The 3 - pole switchable strips of the sizes 00 - 3 and size 4A strips allow fitting of auxiliary switches with freely selectable make or break (changeover) function for indication of the connected or disconnected position.

CURRENT TRANSFORMER MOUNTING KIT

The current transformer mounting kit consists of the current transformer wiring aid with cable harness and a 9 - pin connector to be mounted on the back of the strip. It is available for SL - strips in the sizes 1 - 3 and also in the size 00 for the 100 mm and 185 mm series.

HOLDER WITH SPACER ROLLER

On strips for installation of current transformers (version „W“), the holder with spacer roller must be fitted on the unmeasured phases if only single - phase measurement is used. The holders with spacer rollers are already fitted on the strips for later installation of current transformers (version „WN“).

ASSEMBLY AID

The assembly aid allows size 1 to 3 circuit strips to be hanged at the busbars while the system is energized.

BUSBAR SUPPORT

The 3 - pole busbar support is used for the fixing of flat bars at 100 mm and 185 mm distances. Lateral cover for busbar support The angled cover is screwed on to the busbar support and covers the ends of the busbars.

PIGGYBACK FUSE

The piggyback fuse enables fuse - protected temporary connections (worksite electrical supply) to size 1 to 3 LV HRC strip - fuseways.

PEN TERMINAL FOR BUILDING SITE CONNECTION

When used with the piggyback fuse, the PEN clamp can be used to connect the neutral conductor directly to the PEN busbar.

RAILING KITS

The kit for 1000 A is used to expand the wiring space for 2 or 3 cable lugs per phase. The kit for 1250 A allows 2 strips to be connected at the terminal and 3 or 4 cables per phase to be connected.

CONNECTOR KITS

The connector kits are used for parallel switching of 2 strips.

Direct-connection terminal	Std.P	Type
Size 4a, 3 - wire connection, 95-150 mm ² , Al/Cu	1	K3G/3/AF40 - 50
Size 4a, 4 - wire connection, 95-150 mm ² , Al/Cu	1	K3G/4/AF40 - 50
Size 4a, 2 - wire connection, 120-300 mm ² , Al/Cu	1	KV2HG-F/2/300/AF40 - 50



Direct-connection terminal	Std.P	Type
Sizes 1 - 3/70 - 240mm ² Al/Cu	3	K2G/A K2201092



V - terminal clamp	Std.P	Type
Size 00/10 - 70 mm ² Al/Cu	3	P0070 - Z



Clamp - type terminal	Std.P	Type
Size 00/1,5 - 70 mm ² Cu (also for GU00)	3	S00 - Z



Kit for 2 cable lugs	Std.P	Type
For sizes 2 - 3	3	FK2x240 - SL23



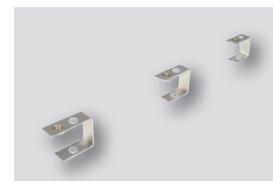
Busbar terminal for size 00	Std.P	Type
Bar thickness 5 - 10 mm	3	SK - L/SL00
Bar thickness 10 - 15 mm	3	SK - L/SL00/15



Busbar terminal for size 1 - 3	Std.P	Type
Bar thickness 5 - 10 mm	3	SK - L/SL123/10



Adapter clip for size 00	Std.P	Type
For 1 strip, 185/185 mm	1	AB - SL00/1
For 1 strip, 185/100 mm	1	AB185 - SL00/100/1/52
For 1 strip, 60/100 mm	1	AB60 - SL00/100/1



Adapter strip for size 00	Std.P	Type
For 2 strips, 185/185 mm, height 42 mm	1	AL - SL00/42
For 2 strips, 185/100 mm	1	AL185 - SL00/100/52



Adapterstrip for size 00 with busbar terminal	Std.P	Type
For 2 strips, 185/100 mm	1	AL185/SK - SL00/100/52
For 2 strips, 185/185 mm	1	AL/SK - SL00/42

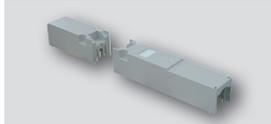


Shrouding cover	Std.P	Type
For KM2G multiple box terminals	3	HRV





Terminal compartment cover	Std.P	Type
For SL00	1	HA - SL00
For SL123	1	HA - SL123/10
For SL3 - 3x2(6)	1	HA - SL3X2/10
For SL3/910(1000)	1	HA220 - SL123/10
For SL3/910(1000), extended	1	HA275 - SL123/10
For SL00 - 3x3/100	1	HAV - SL00/100



Compensating adapters	Std.P	Type
For SL00 - 3x3/100	1	BO/BU - SL00/100



Blanking plate	Std.P	Type
For SL00 - 3x3/100 / width 50mm	1	B - SL00/100
For SL00, width 50 mm, Cover view 633 mm	1	B - SL00/633
For SL00, width 50 mm, Cover view 650 mm	1	B - SL00/650
For SL123, width 100 mm, Cover view 633 mm	1	B - SL123/633
For SL123, width 100 mm, Cover view 650 mm	10	B - SL123/650



Cover support	Std.P	Type
For SL00 with cover view 650 mm	20	BA650 - SL00/185



Busbar cover, clip-type	Std.P	Type
185mm busbar system / width 100 mm	3	H - RF



Busbar covers, screw-type	Std.P	Type
185 mm busbar system / width 50 mm, M8	3	H - SL00
100 mm busbar system / width 50 mm, M8	3	H - SL00/100
185 mm busbar system / width 100 mm, M12	2	H - SL123/662
185 mm busbar system / width 100 mm, M12/St	3	H - SL123/ST



Reserve panel cover	Std.P	Type
For SL00 / width 50 mm	1	LA - SL00
For SL123 / width 100 mm	1	LA - SL123



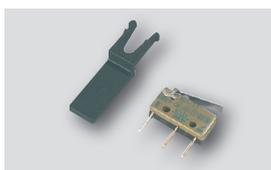
Cover holder	Std.P	Type
With fixing screw	4	AH - SL
With quick - release lock	4	AH - SL/S



Lateral cover support	Std.P	Type
3 clips with T profile (length 650 mm)	2	AHCT-SL00-3



Designation plate, top	Std.P	Type
For SL00	5	BZO - SL00
For SL123	5	BZO - SL123/10



Position indicator	Std.P	Type
For SL00 - 3x3/100	1	EV - SL00/100
For SL00, 3 - pole switchable	1	EV - SL00/3X3
For SL123, 3 - pole switchable	1	EV - SL123/3X3/10

Current transformer mounting kit for size 1 - 3	Std.P	Type
For 1 current transformer type WSD30 in phase L3	1	1OW/L3 - L/SL123
For 3 current transformers type WSD30	1	3OW - L/SL123



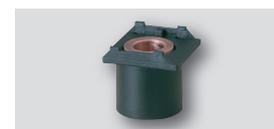
Transformer holder for strip size 00 - 3	Std.P	Type
1/250 A - 3/630 A with spacer sleeve 45 mm, for WSD25	3	WH123+DH45/DI12,5
1/250 A - 3/630 A with spacer sleeve 55 mm, for WSD30	3	WH123+DH55/DI12,5
00/160 A with spacer sleeve 45 mm, for WSD25	3	WH00+DH45/DI8,5
00/160 A with spacer sleeve 55 mm, for WSD30	3	WH00+DH55/DI8,5
3/1000 A with spacer sleeve 60 mm, for WSD40	3	WH3+DH60/DI12,5



Current-transformer upgrade kit for three transformers, complete with cable harness and plug-in terminal	Std.P	Type
with spacer sleeve 45mm, without transformer, for WSD25	1	WH123+DH45/DI12,5/KB
with spacer sleeve, without transformer, for WSD30	1	WH123+DH55/DI12,5/KB
SL00/100 with spacer sleeve 45 mm, for WSD25	1	WH00+DH45/DI8,5/KB/100
SL00/100 with spacer sleeve 55 mm, for WSD30	1	WH00+DH55/DI8,5/KB/100
SL00/185 with spacer sleeve 45 mm, for WSD25	1	WH00+DH45/DI8,5/KB/185
SL00/185 with spacer sleeve 55 mm, for WSD30	1	WH00+DH55/DI8,5/KB/185



Holder with spacer roller	Std.P	Type
Hight 20 mm, for SL00/100	1	HDR20 - SL00/100
Hight 26 mm, for sizes 1-3	1	HDR26 - SL123
Hight 26 mm, for size 3/1000	1	HDR26 - SL123



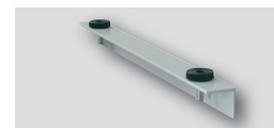
Fixing bracket	Std.P	Type
For sizes 1-3	10	MW - SL123



Busbar support	Std.P	Type
For 100 mm and 185 mm busbar distance, M10, 30 Nm	10	SH100/185



Lateral cover for busbar support	Std.P	Type
For 185 mm busbar distance	2	HW - SH/185
For 100 mm busbar distance	2	HW - SH/100



PEN terminal for building site connection	Std.P	Type
For 5 – 10 mm busbar thickness	1	SK-S0070



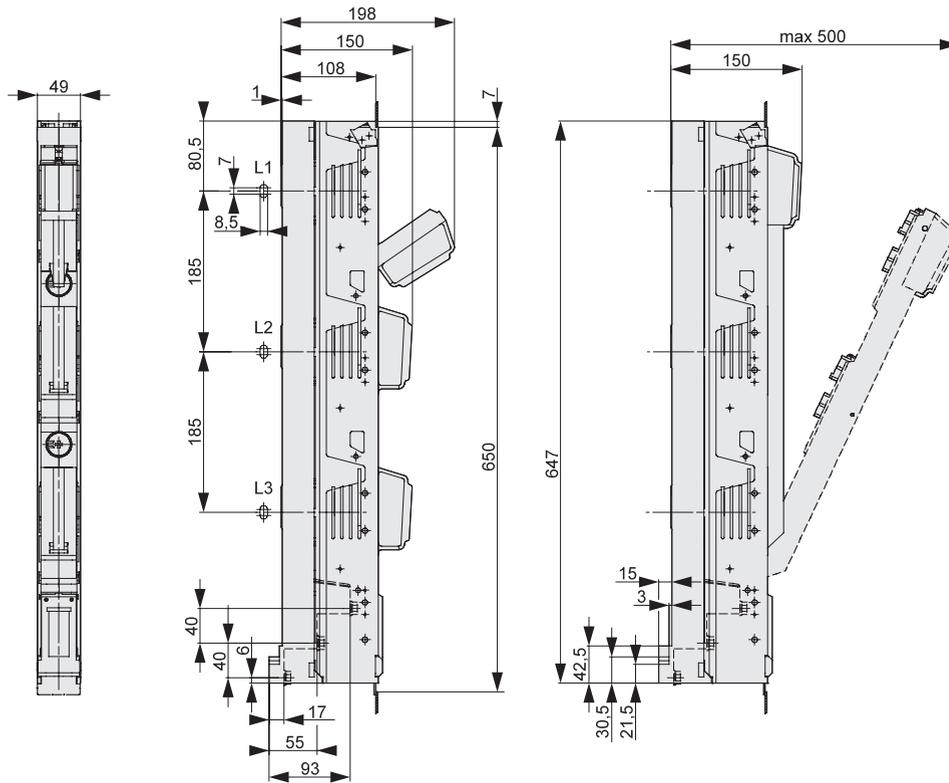
Fixing screws	Std.P	Type
For SL00	3	F - M8x40
For SL123	3	F - M12x50



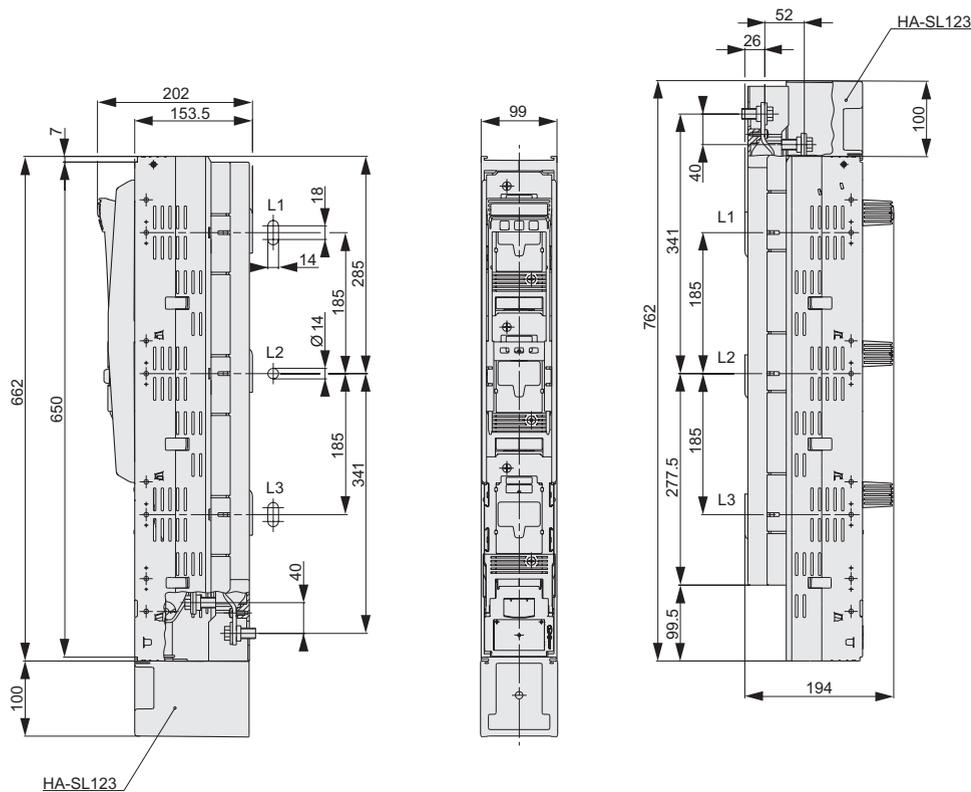
Terminal strip	Std.P	Type
For SL00 - fuse strip with current transformer	1	BS - KL - SL00
For SL123 - fuse strip with current transformer	1	BS - KL - SL123



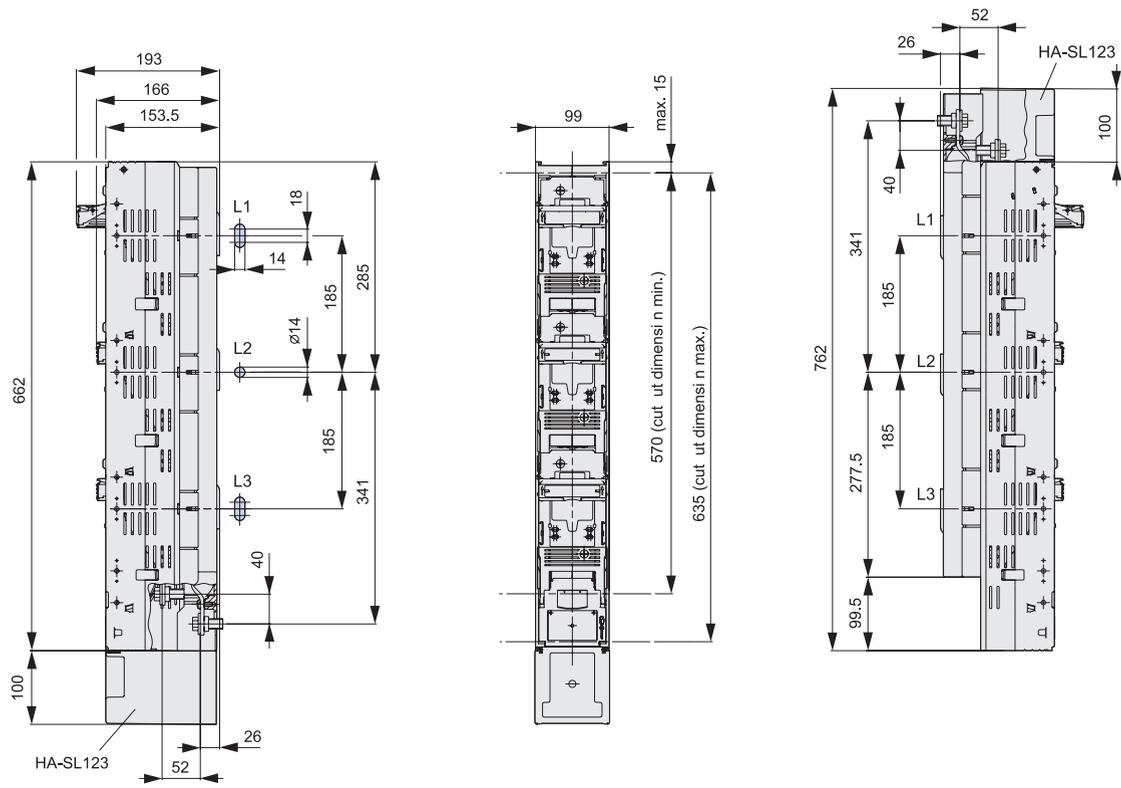
SL00 - 3X/..., SL00 - 3X3/...



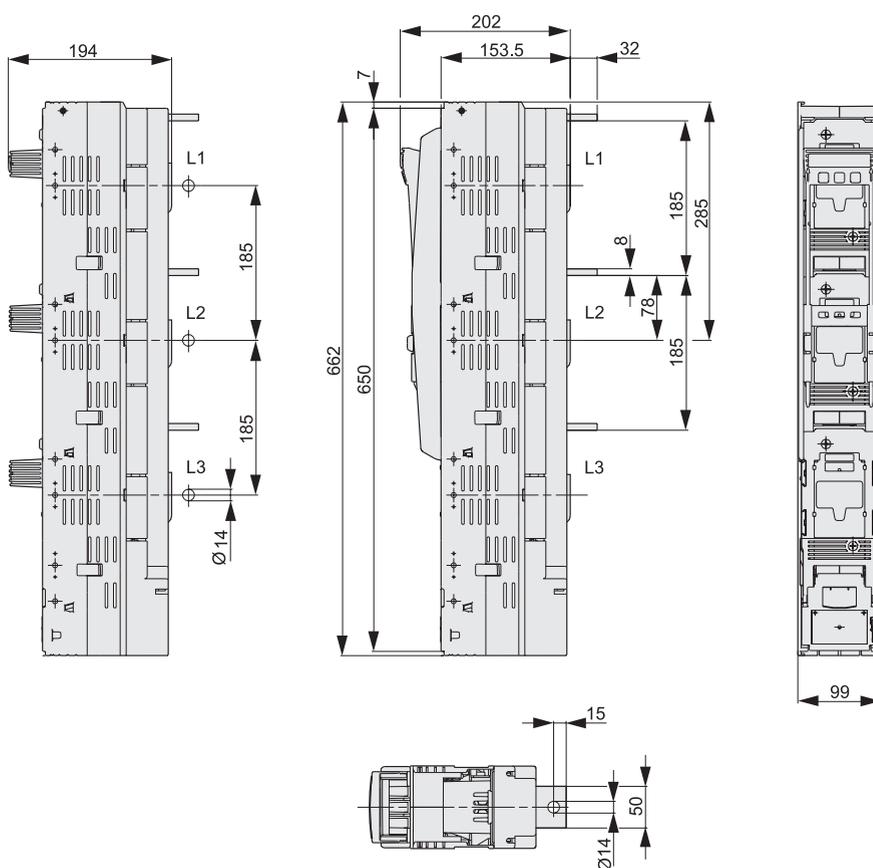
SL...- 3x(3)...



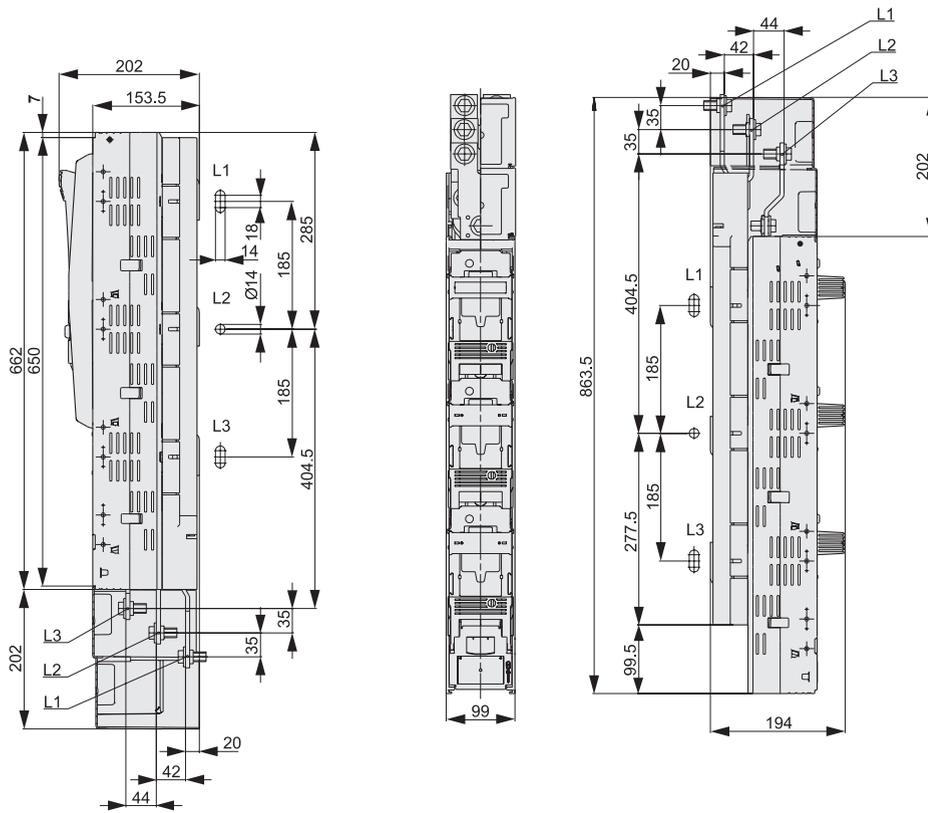
SL...- 3x/.../GV



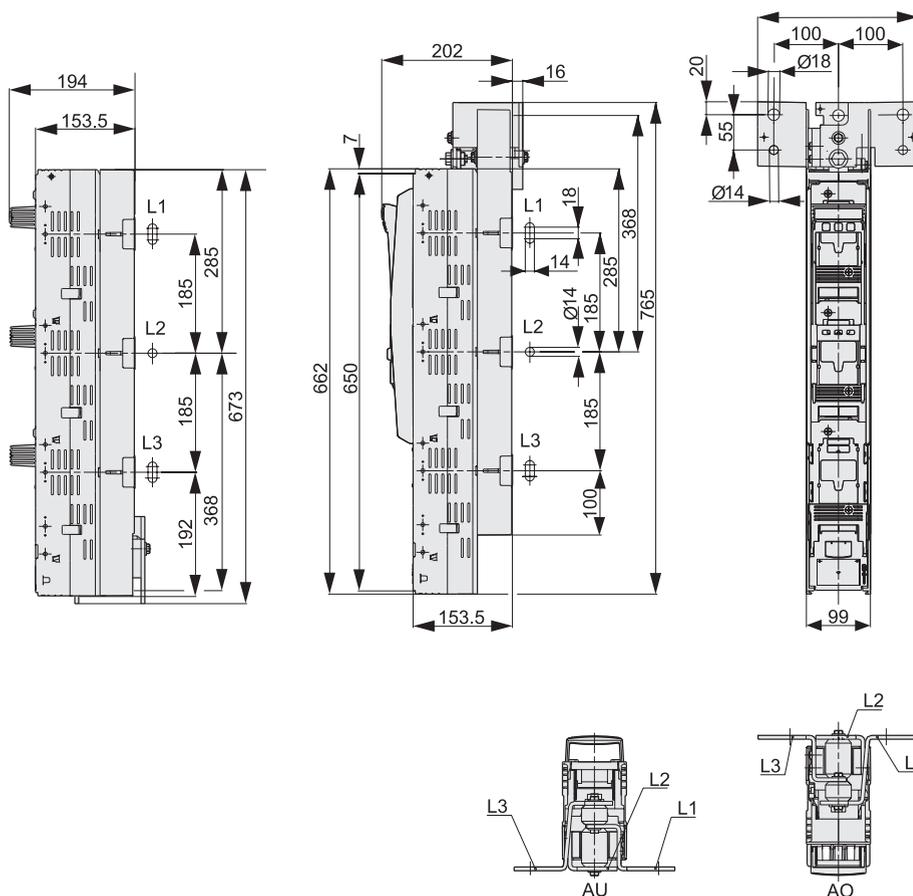
SL3 - 3X(3)/.../ARO



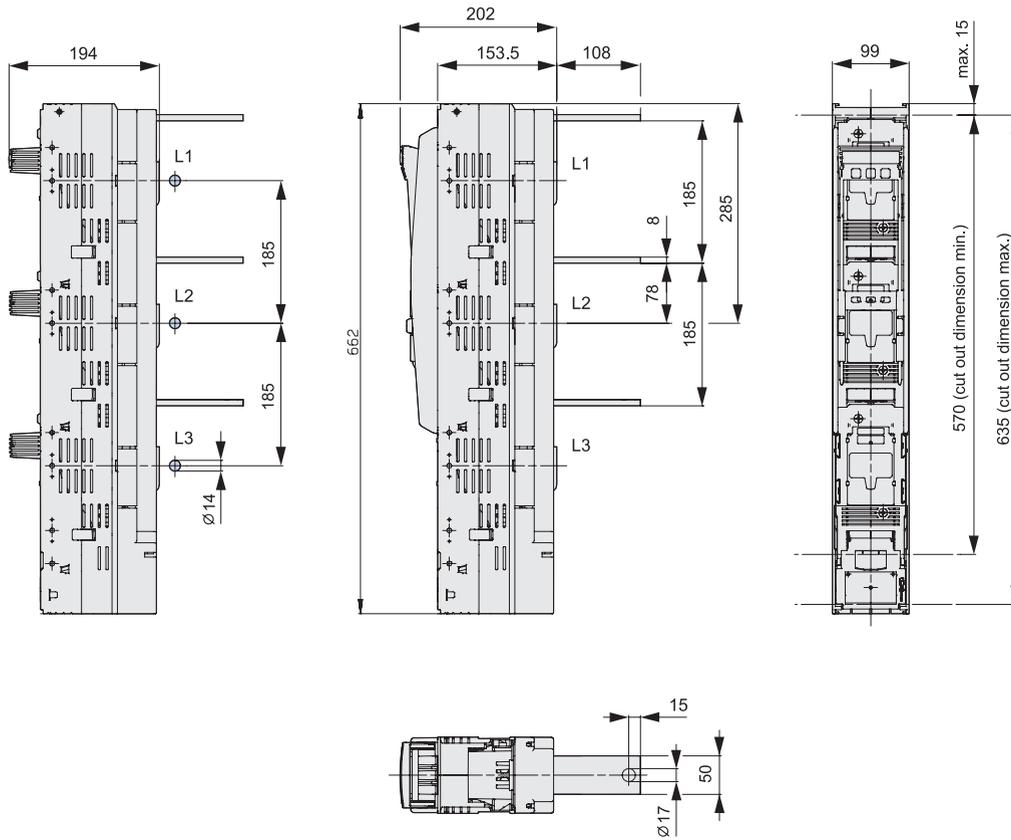
SL3 - 3X(3)/1000/HA



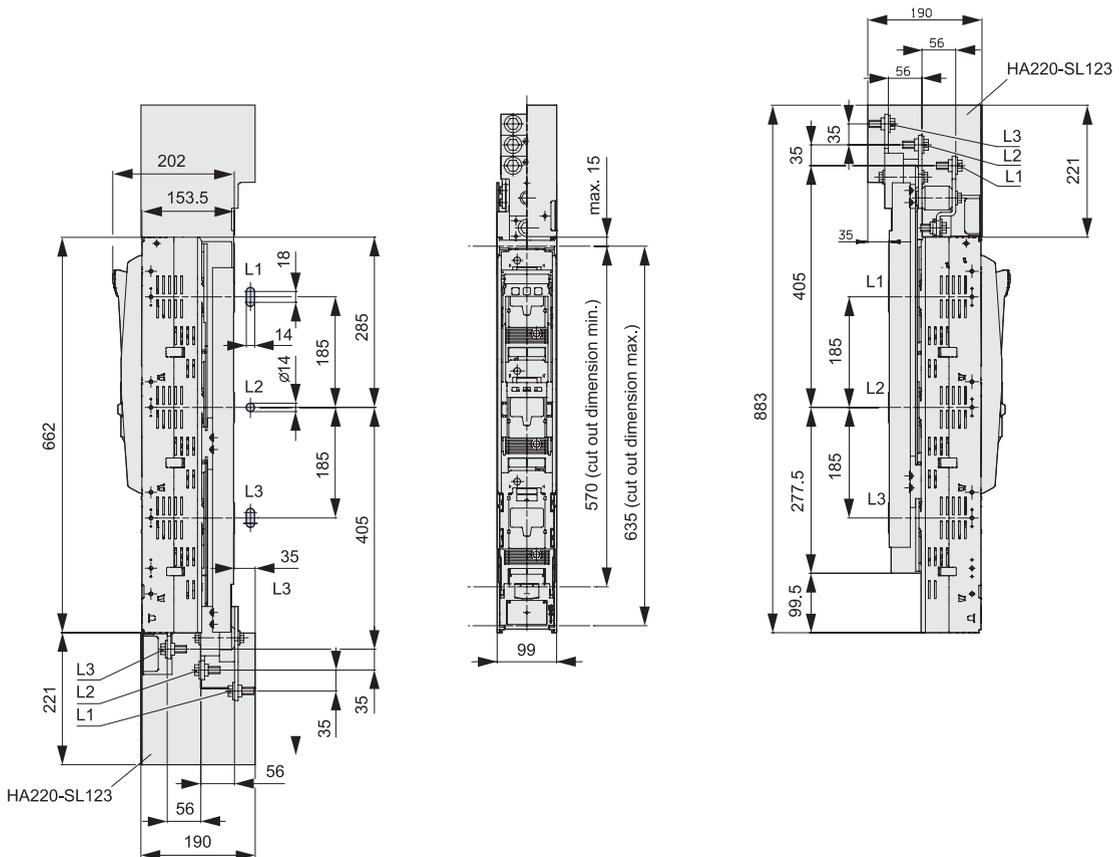
SL3 - 3X(3)/910/AO/AU - 100



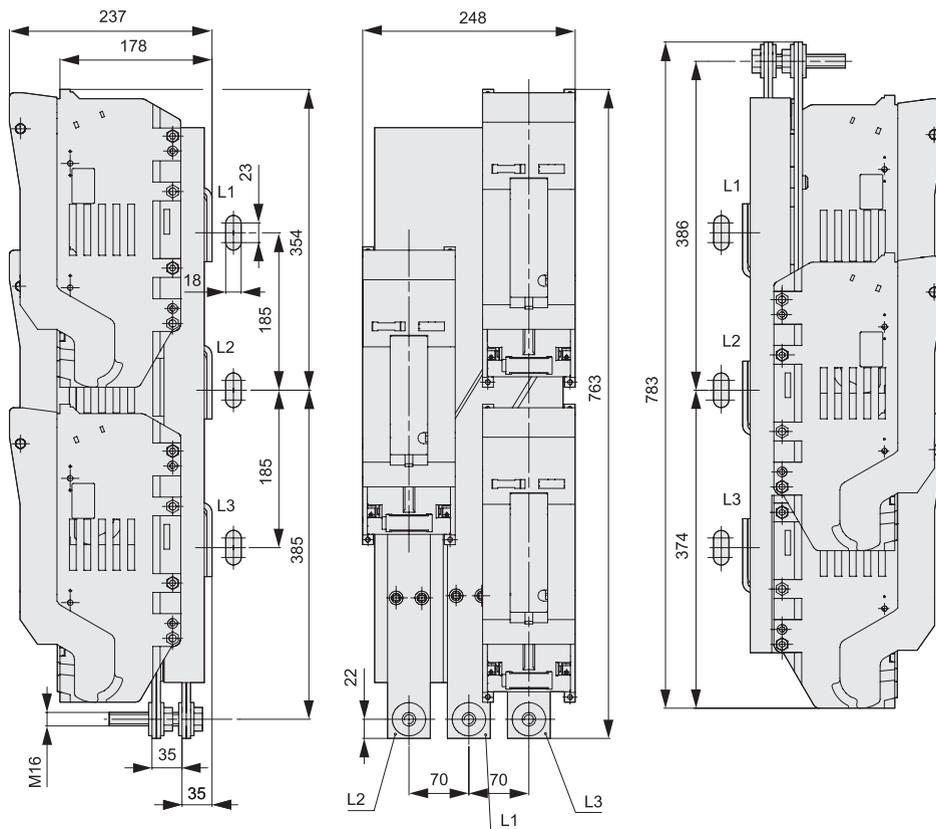
SL3 - 3x(3)/910/ARO/110



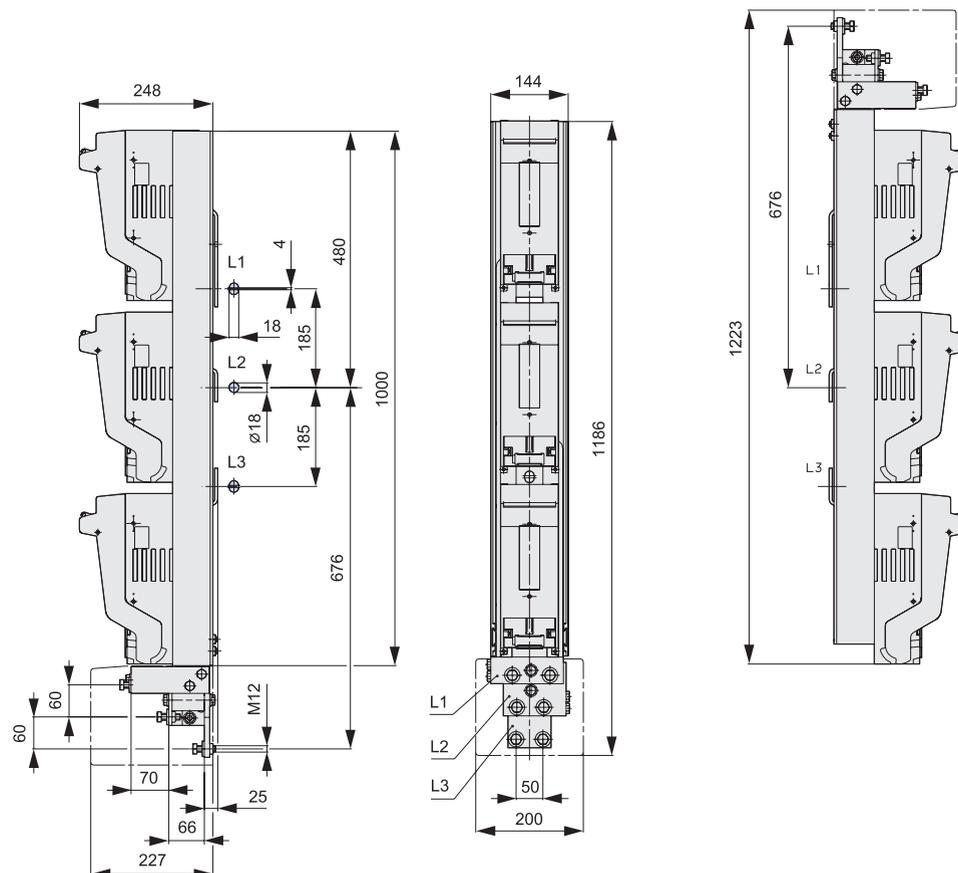
SL3 - 3X/910/HA



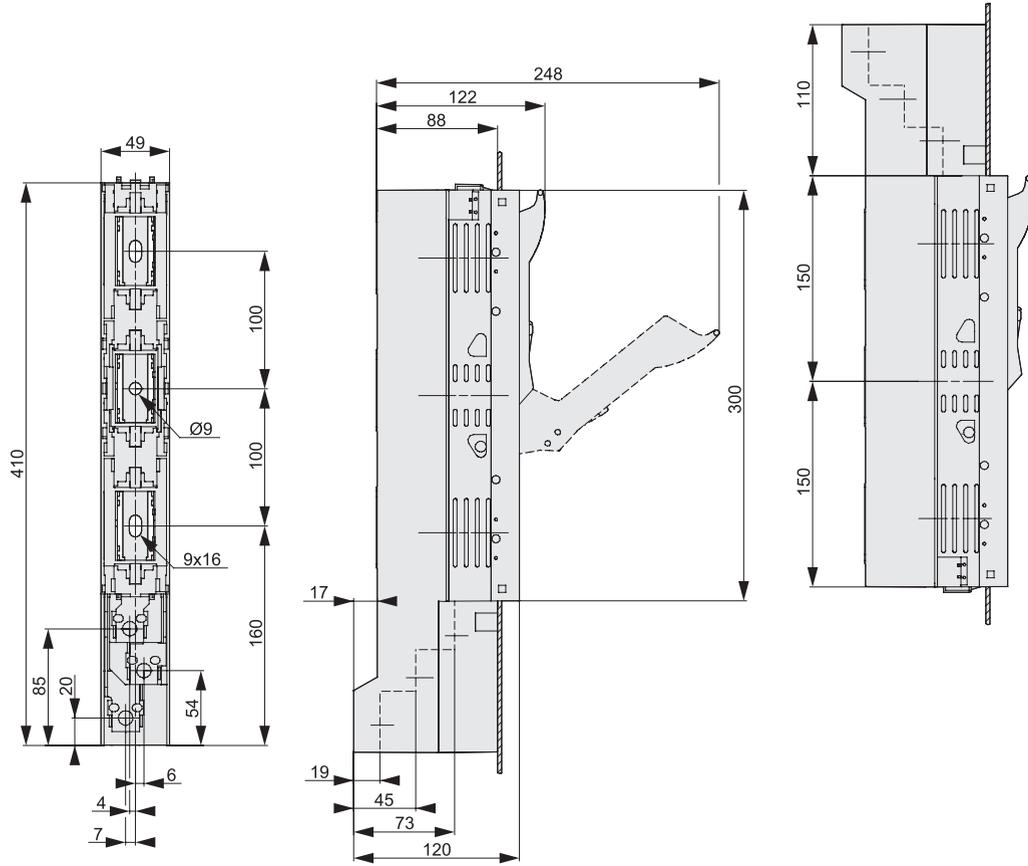
SLTL4A - 3AS/3x/4/(AO)



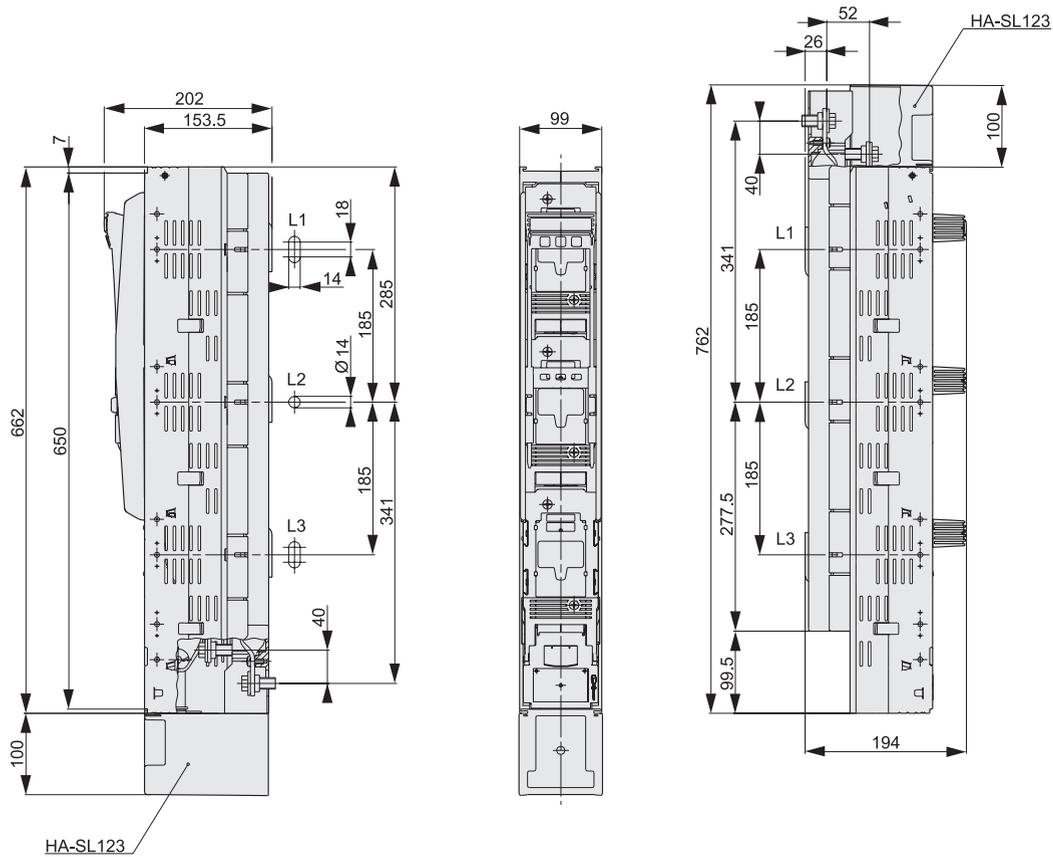
SLTL4A - 3AS/3X/2X3A/Q/147K/AO



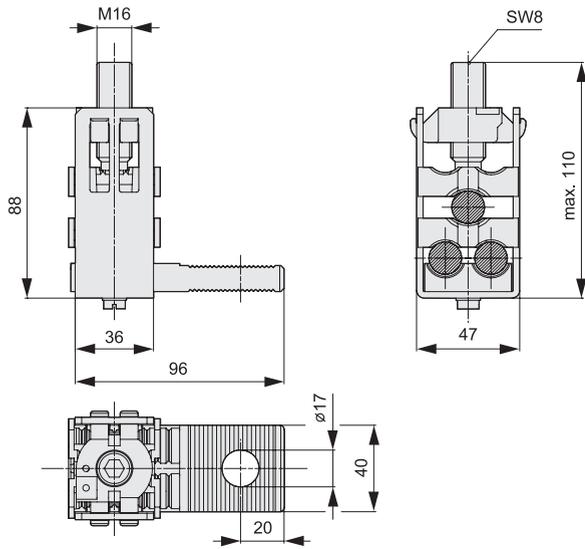
SL00 - 3X3/100/...



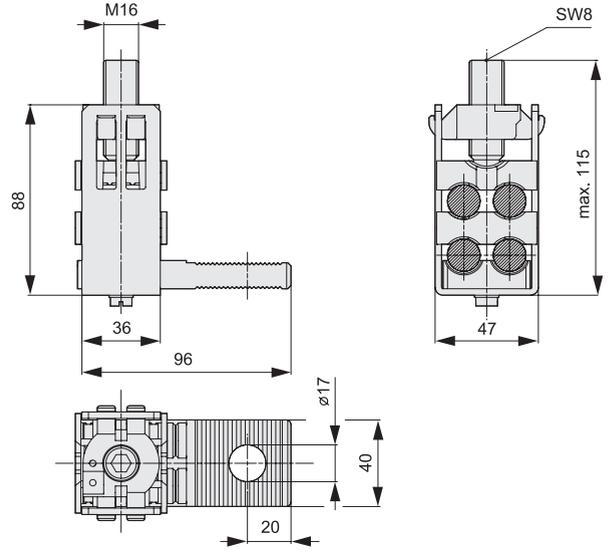
SL1 - 3x3/...



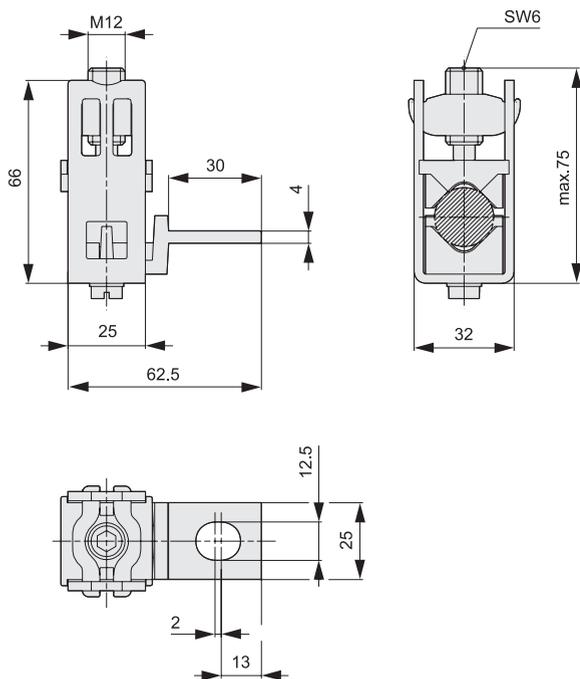
K3G/3/AF40 - 50



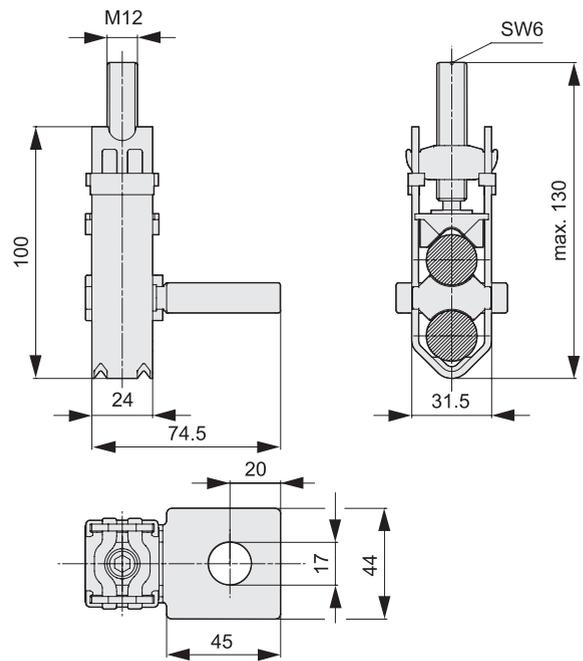
K3G/4/AF40 - 50



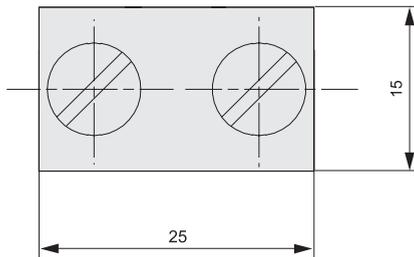
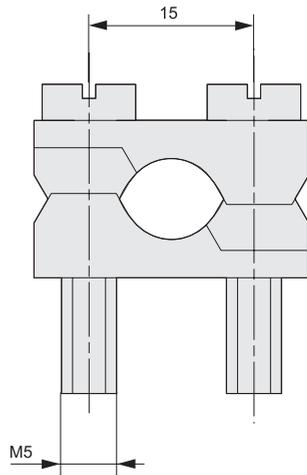
K2G/A



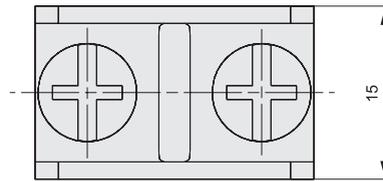
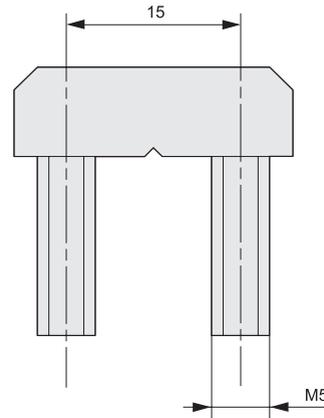
KV2HG - F/2/300/AF40 - 50



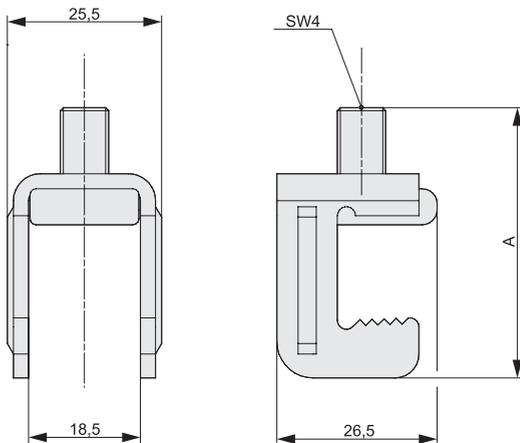
P0070 - Z



S00 - Z

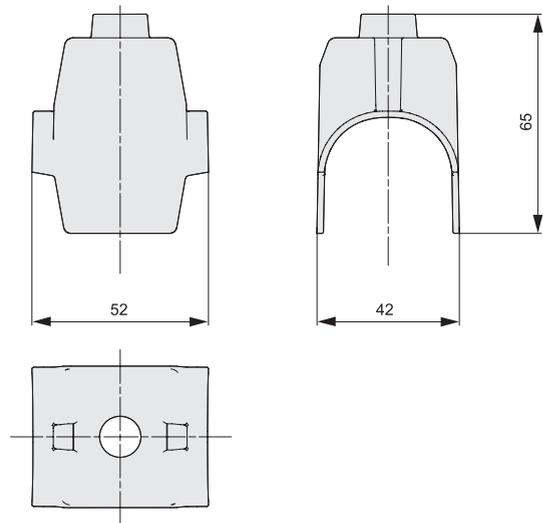


SK - SL00

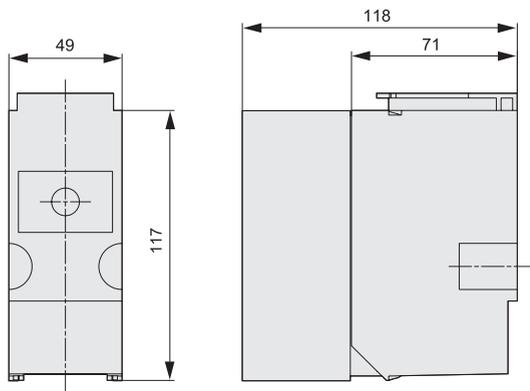


	A
SK-SL00/10	50
SK-SL00/15	55

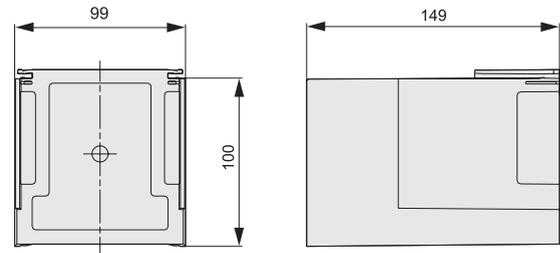
HRV - KM2.../



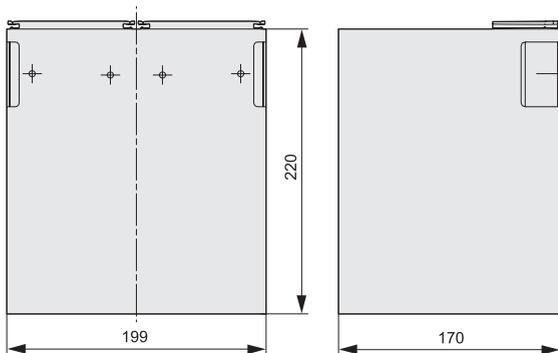
HA - SL00



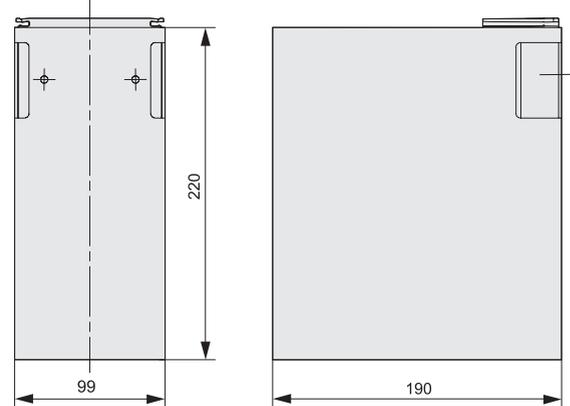
HA - SL123/10



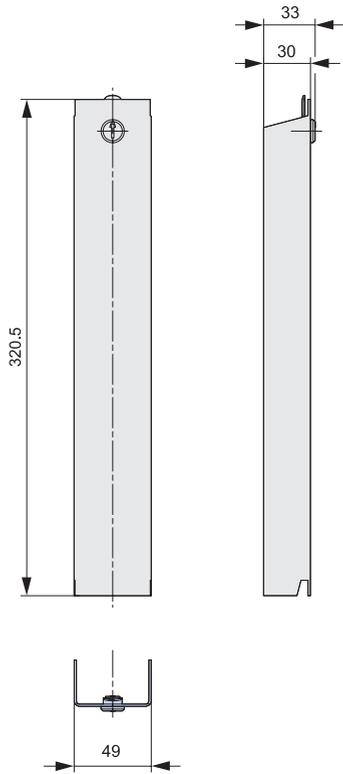
HA - SL3X2/10



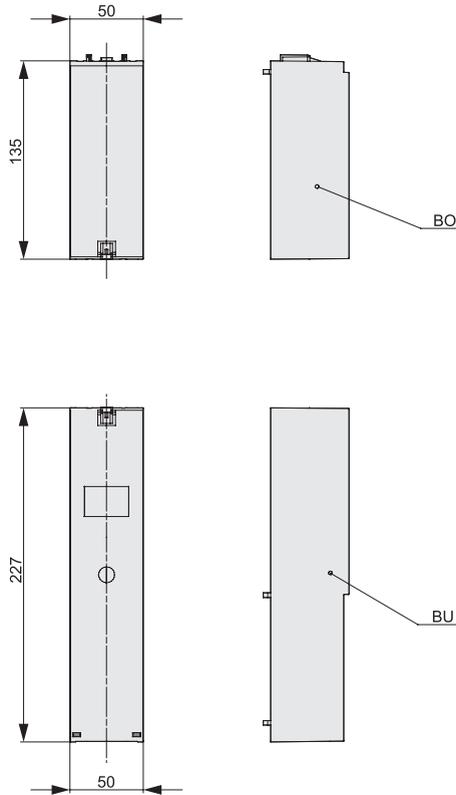
HA220 - SL123/10



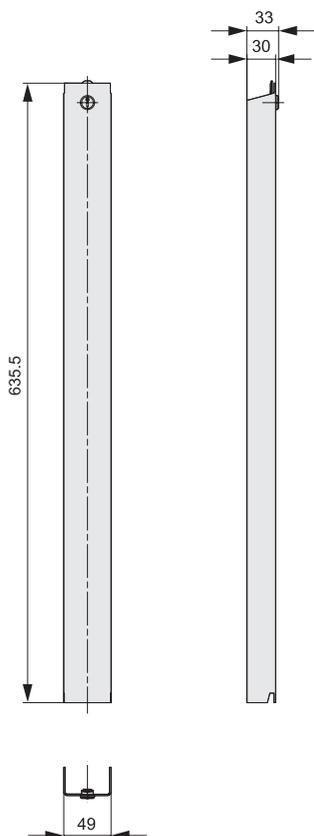
B - SL00/100



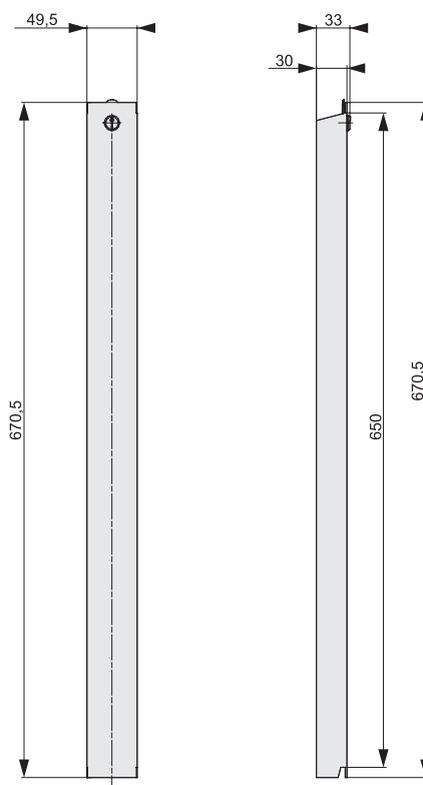
BO/BU - SL00/100



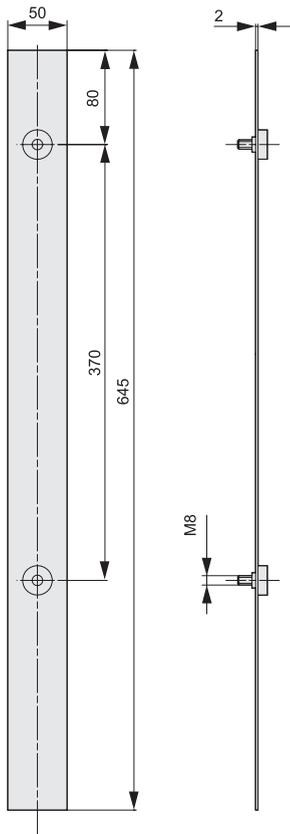
B - SL00/633



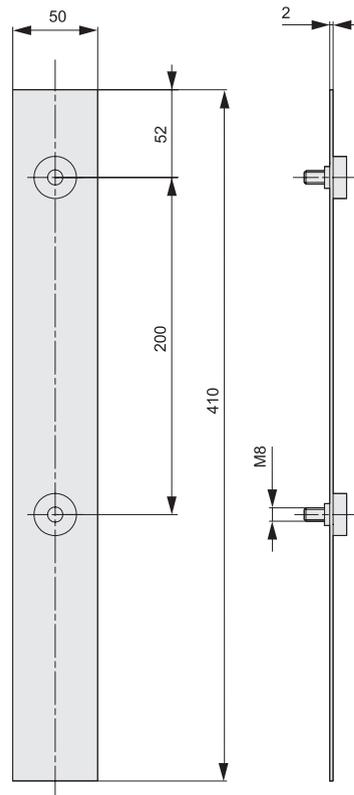
B - SL00/650



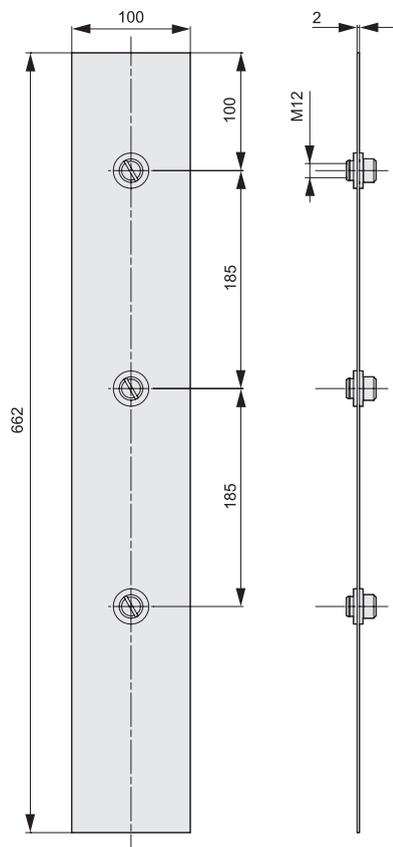
H - SL00



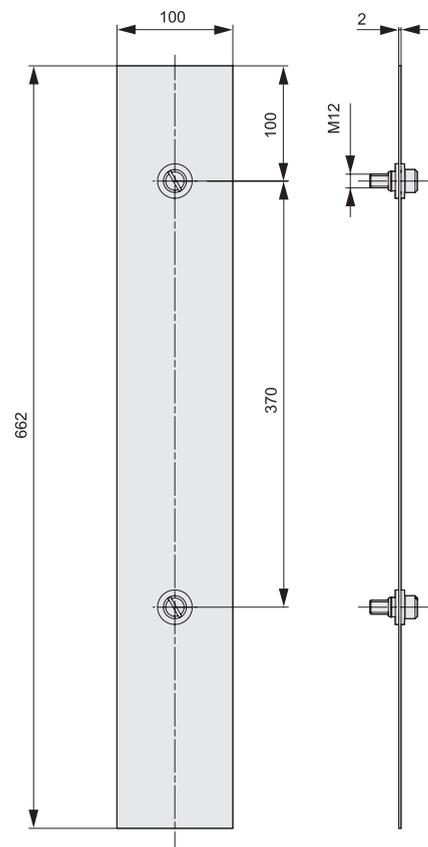
H - SL00/100



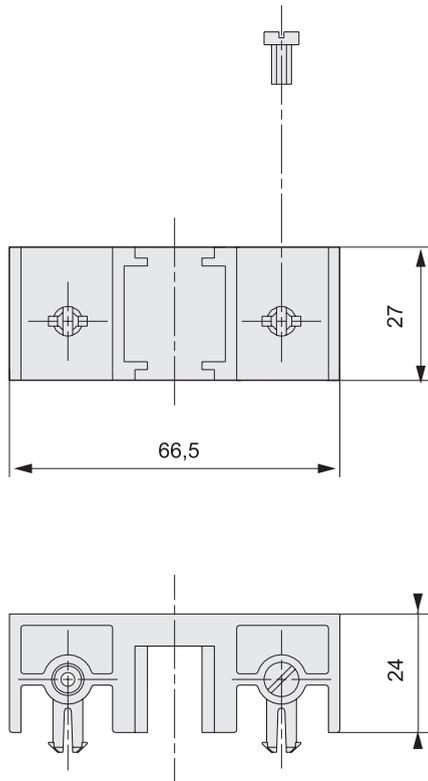
H - SL123/ST



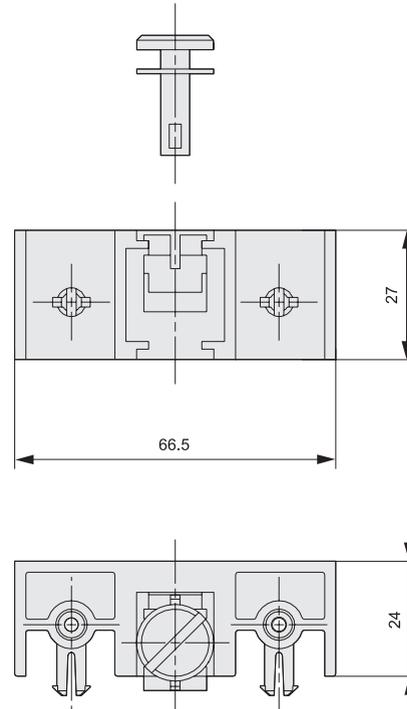
H - SL123/662



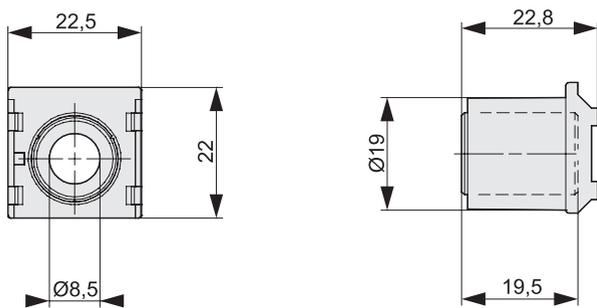
AH - SL



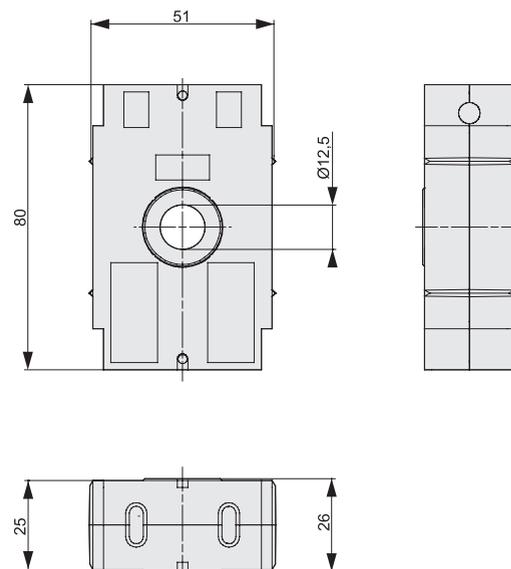
AH - SL/S



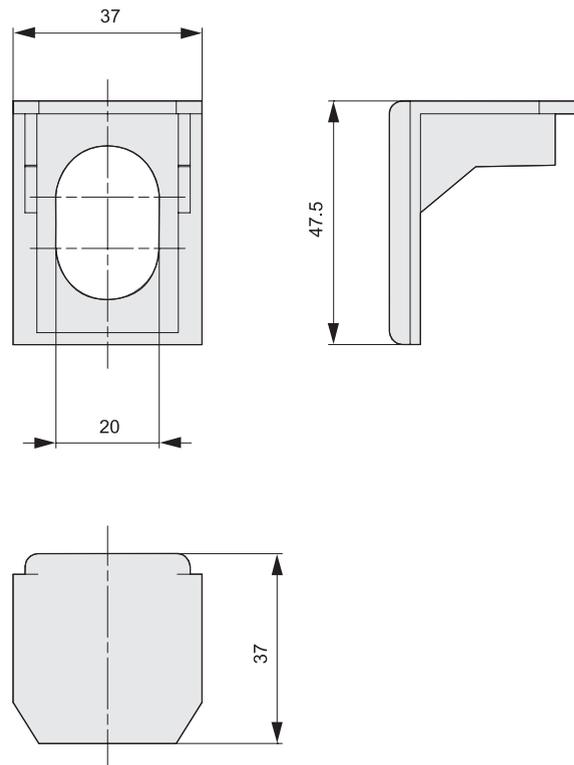
HDR20 - SL00/100



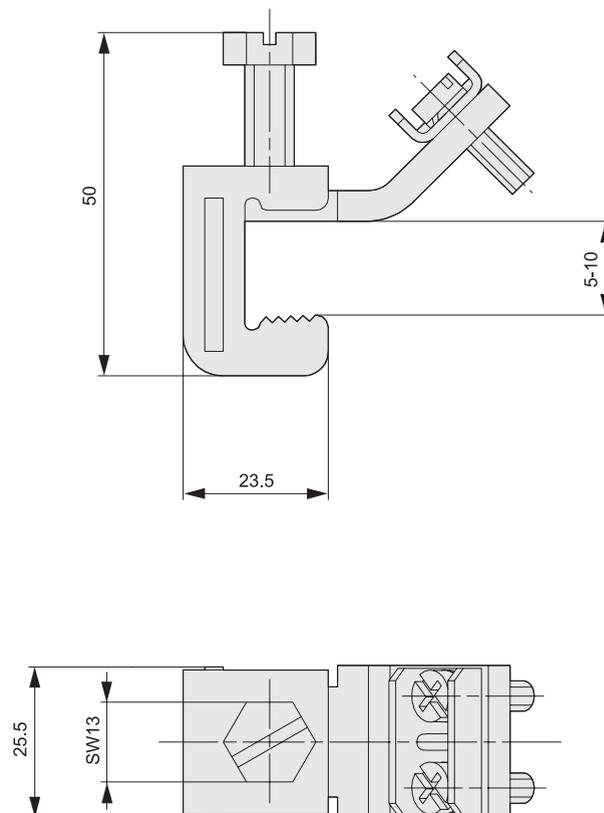
HDR25 - SL123



MW - SL123



SK - S0070



Technical data for LV HRC strip type fuse-switch-disconnector (in accordance with IEC/EN 60 947-3 and VDE 0660 Part 107)

Type				SL00/100				SL00/185				
Electrical characteristics	Rated operational voltage	U_p	V	AC500	AC690	DC220	DC440	AC500	AC690	DC220	DC440	
	Rated operational current	I_p	A	160	100	160	100	160	100	160	100	
	Conventional free air thermal current with fuses	I_{th}	A	160	100	160	100	160	100	160	100	
	Conventional free air thermal current with solid links	I_{th}	A	210 A s TM00				210 A s TM00				
	Rated frequency	-	Hz	40 – 60	40 – 60	-	-	40 – 60	40 – 60	-	-	
	Rated insulation voltage	U_i	V	AC 750								
	Rated conditional short-circuit current	-	kAeff	80	80	25	25	50	50	25	25	
	Rated short-time withstand current (1sec)	I_{cw}	kAeff	-								
	Utilization category	-	-	AC22B	AC22B	DC21B	DC21B	AC22B	AC22B	DC21B	DC21B	
	Rated making capacity	-	A	480	300	240	150	480	300	240	150	
	Rated breaking capacity	-	A	480	300	240	150	480	300	240	150	
	Rated impulse withstand voltage	U_{imp}	kV	8				8				
	Operating cycles with current	-	-	200	300	200	300	200	300	200	300	
	Total power loss at Ith (without fuse)	P_v	W	18	7	12	5	18	7	12	5	
Fuse - links	Size to DIN 43 620	-	-	00				00				
	Max. rated current (gL/gG)	I_N	A	160	100	160	100	160	100	160	100	
	Max. permis. power loss per fuse - link	P_v	W	12				12				
Mech. character.	Operating cycles without current	-	-	1700				1700				
	Weight ¹⁾	-	g	1,1				2,4				
	Busbar distance	-	mm	100				185				
Cable connection	Flat terminal	Bolt diameter	-	M8								
		Cable lug (DIN 46 235)	-	mm ²	1x10 – 96 (max. 25 width)				1x10 – 96 max. 25 š			
		Flat bar	-	mm	20x10				20x10			
		Tightening torque	Ma	Nm	12-15				12-15			
	Terminal	Clamping cross-section	-	mm ²	S00 1,5 – 70 Cu/ ribbon 6x9x0,8				S00 1,5 – 70 Cu/páska 6x9x0,8			
		Tightening torque	Ma	Nm	2,6							
	Terminal	Clamping cross-section	-	mm ²	P 00 - 70 10-70 Al/Cu				P 00 - 70 10-70 Al/Cu			
		Tightening torque	Ma	Nm	2,6							
	Terminal	Clamping cross-section	-	mm ²	P 00 - 95 35-95 Al/Cu				P 00 - 95 35-95 Al/Cu			
		Tightening torque	Ma	Nm	2,6							
	Terminal	Clamping cross-section	-	mm ²	KU 00 10-95 Al/Cu				KU 00 10-95 Al/Cu			
		Tightening torque	Ma	Nm	10							
	Terminal	Clamping cross-section	-	mm ²	F70 1,5–70 Cu/ ribbon 6x9x0,8				F70 -			
		Tightening torque	Ma	Nm	2,6				-			
Terminal	Clamping cross-section	-	mm ²	KM 00 16-95 Al/Cu				KM 00 -				
	Tightening torque	Ma	Nm	10				-				
Type of protec.	Front side device fitted	Operational state	-	-	IP 30							
		Front cover open	-	-	IP 10							
Operating conditions	Ambient temperature ²⁾	T_u	°C	-25 to + 55								
	Rated operating mode	-	-	Continuous operation								
	Actuation	-	-	Dependent manual operation								
	Mounting position	-	-	Vertical, horizontal								
	Altitude	-	m	Up to 2000								
	Pollution degree	-	-	3								
	Overvoltage category	-	-	III								

¹⁾ Without packaging

²⁾ 35°C Normal temperature, at 55°C with reduced operating current

Technical data for LV HRC strip type fuse-switch-disconnector (in accordance with IEC/EN 60 947-3 and VDE 0660 Part 107)

Type				SL 1				SL 2				
Electrical characteristics	Rated operational voltage	U_e	V	AC500	AC690	DC220	DC440	AC500	AC690	DC220	DC440	
	Rated operational current	I_e	A	250	200	250	200	400	315	400	315	
	Conventional free air thermal current with fuses	I_{th}	A	250	200	250	200	400	315	400	315	
	Conventional free air thermal current with solid links	I_{th}	A	400 A s TM2				210 A s TM3				
	Rated frequency	-	Hz	40 – 60	40 – 60	-	-	40 – 60	40 – 60	-	-	
	Rated insulation voltage	U_i	V	AC 1000								
	Rated conditional short-circuit current	-	kAeff	80	80	25	25	80	80	25	25	
	Rated short-time withstandcurrent (1sec)	I_{sw}	kAeff	-								
	Utilization category	-	-	AC22B	AC22B	DC21B	DC21B	AC22B	AC22B	DC21B	DC21B	
	Rated making capacity	-	A	1200	600	375	300	1890	945	600	475	
	Rated breaking capacity	-	A	1200	600	375	300	1890	945	600	475	
	Rated impulse withstand voltage	U_{imp}	kV	12	12	8	8	12	12	8	8	
	Operating cycles with current	-	-	200								
Total power loss at I_n (without fuse)	P_v	W	23	15	16	11	49	30	33	21		
Fuse – links	Size to DIN 43 620	-	-	1				2				
	Max. rated current (gL/gG)	I_N	A	250	200	250	200	400	315	400	315	
	Max. permis. power loss per fuse - link	P_v	W	32				45				
Mech. character.	Operating cycles without current	-	-	1400								
	Weight ¹⁾	-	g	4,9								
	Busbar distance	-	mm	185								
Cable connection	Flat terminal	Bolt diameter	-	-	M10/M12				M12			
		Cable lug (DIN 46 235)	-	mm ²	1x25 - 150				1x25 - 240			
		Flat bar	-	mm	30x10							
		Tightening torque	Ma	Nm	30 - 35				30 - 40			
	Terminal	Clamping cross-section	-	mm ²	KM2G 2,5–150/185-300							
		Tightening torque	Ma	Nm	40							
Terminal	Clamping cross-section	-	mm ²	KM2G - F 25 – 240								
	Tightening torque	Ma	Nm	40								
Type of protec	Front side device fitted	Operational state	-	-	IP 30							
		Front cover open	-	-	IP 10							
Operating conditions	Ambient temperature ²⁾	T_n	°C	-25 to + 55								
	Rated operating mode	-	-	Continuous operation								
	Actuation	-	-	Dependent manual operation								
	Mounting position	-	-	Vertical, horizontal								
	Altitude	-	m	Up to 2000								
	Pollution degree	-	-	3								
	Overvoltage category	-	-	III				IV				

¹⁾ Without packaging

²⁾ 35°C Normal temperature, at 55°C with reduced operating current

Technical data for LV HRC strip type fuse-switch-disconnector (in accordance with IEC/EN 60 947-3 and VDE 0660 Part 107)

Type				SL3				SL3/910	
Electrical characteristics	Rated operational voltage	U_e	V	AC500	AC690	DC220	DC440	AC 400	
	Rated operational current	I_e	A	630	500	630	500	910	
	Conventional free air thermal current with fuses	I_{th}	A	630	500	630	500	910	
	Conventional free air thermal current with solid links	I_{th}	A	800 A s TM3/1250				1250	
	Rated frequency	-	Hz	40 – 60	40 – 60	-	-	50	
	Rated insulation voltage	U_i	V	AC 1000				AC 500	
	Rated conditional short-circuit current	-	kAeff	80	80	25	-	50	
	Rated short-time withstand current (1sec)	I_{cw}	kAeff	-				-	
	Utilization category	-	-	AC22B	AC22B	DC21B	DC21B	AC22B	
	Rated making capacity	-	A	2400	1500	945	750	3750	
	Rated breaking capacity	-	A	2400	1500	945	750	3750	
	Rated impulse withstand voltage	U_{imp}	kV	12	12	8	8	8	
	Operating cycles with current	-	-	200	200	200	200	100	
	Total power loss at I_{th} (without fuse)	P_v	W	110	70	74	47	260	
Fuse links	Size to DIN 43 620	-	-	3				3/910 A	
	Max. rated current (gL/gG)	I_N	A	630	500	630	500	910	
	Max. permis. power loss per fuse - link	P_v	W	48				61	
Mech. character.	Operating cycles without current	-	-	1000				100	
	Weight ¹⁾	-	g	5,6				11,4	
	Busbar distance	-	mm	185				185	
Cable connection	Flat terminal	Bolt diameter	-	-	M12				2xM12
		Cable lug (DIN 46 235)	-	mm ²	1x25 – 300 (max. 43 width)				max. 2x300,3x185
		Flat bar	-	mm	30x10				80x10
		Tightening torque	Ma	Nm	35 - 40				35 - 40
	Terminal	Clamping cross-section	-	mm ²	KM2G 25–150/185–300				KM2G
		Tightening torque	Ma	Nm	40				
Terminal	Clamping cross-section	-	mm ²	KM2G-F 25–240				KM2G-F	
	Tightening torque	Ma	Nm	40					
Type of protec.	Front side device fitted	Operational state	-	-	IP 30				
		Front cover open	-	-	IP 10				
Operating conditions	Ambient temperature ²⁾	T_n	°C	-25 to + 55					
	Rated operating mode	-	-	Continuous operation					
	Actuation	-	-	Dependent manual operation					
	Mounting position	-	-	Vertical, horizontal					
	Altitude	-	m	Up to 2000					
	Pollution degree	-	-	3					
	Overvoltage category	-	-	IV					

¹⁾ Without packaging

²⁾ 35°C Normal temperature, at 55°C with reduced operating current

Technical data for LV HRC strip type fuse-switch-disconnector (in accordance with IEC/EN 60 947-3 and VDE 0660 Part 107)

Type			SL00/400		SL3/1000	
Electrical characteristics	Rated operational voltage	U_e	V	AC 500	AC 500	AC 400
	Rated operational current	I_e	A	400	1000	1000
	Conventional free air thermal current with fuses	I_{th}	A	-		
	Conventional free air thermal current with solid links	I_{th}	A	400	1000	1000
	Rated frequency	-	Hz	40-60	40-60	40-60
	Rated insulation voltage	U_i	V	AC 750	AC 1000	AC 1000
	Rated conditional short-circuit current	-	kAeff	-		
	Rated short-time withstandcurrent (1sec)	I_{cw}	kAeff	17	25 ¹⁾	25 ¹⁾
	Utilization category	-	-	AC-21B	AC-21B	AC-22B
	Rated making capacity	-	A	-	2400	3000
	Rated breaking capacity	-	A	-	2400	3000
	Rated impulse withstand voltage	U_{imp}	kV	8	12	12
	Operating cycles with current	-	-	200	100	100
	Total power loss at I_n (without fuse)	P_v	W	49	300	300
Fuse of links	Size to DIN 43 620	-	-	TM00-26	TM3/1000	
	Max. rated current (gL/gG)	I_N	A	400	1000	
Mech. character.	Max. permis. power loss per fuse - link	-	-	800	800	
	Operating cycles without current	-	kg	3,5	8,5	
	Weight ¹⁾	-	mm	185	185	
Cable connection	Flat terminal	Bolt diameter	-	-	M12	
		Cable lug (DIN 46 235)	-	mm ²	max. 2x300,3x120	
		Flat bar	-	mm	80x10	
		Tightening torque	Ma	Nm	35 - 40	
	Terminal	Clamping cross-section	-	mm ²	KRO 1x25-150	
		Tightening torque	Ma	Nm	20	
Type of protec.	Front side device fitted	Operational state	-	-	IP 30	
		Front cover open	-	-	IP 10	
Operating conditions	Ambient temperature ²⁾	T_n	°C	-25 to + 55		
	Rated operating mode	-	-	Continuous operation		
	Actuation	-	-	Dependent manual operation		
	Mounting position	-	-	Vertical, horizontal		
	Altitude	-	m	Up to 2000		
	Pollution degree	-	-	3		
	Overvoltage category	-	-	III	IV	

¹⁾ With interlock, without packaging

²⁾ 35°C Normal temperature, at 55°C with reduced operating current

Technical data for LV HRC strip type fuse-switch-disconnector (in accordance with IEC/EN 60 947-3 and VDE 0660 Part 107)

Type			SL3/1250	SL3/2000		
Electrical characteristics	Rated operational voltage	U_p	V	400	400	
	Rated operational current	I_p	A	1250	2000	
	Conventional free air thermal current with fuses	I_{th}	A	-	-	
	Conventional free air thermal current with solid links	I_{th}	A	1250	2000	
	Rated frequency	-	Hz	40-60		
	Rated insulation voltage	U_l	V	AC 500		
	Rated conditional short-circuit current	-	kAeff	-		
	Rated short-time withstand current (1sec)	I_{rw}	kAeff	25 (with locking)		
	Utilization category	-	-	-		
	Rated making capacity	-	A	-		
	Rated breaking capacity	-	A	-		
	Rated impulse withstand voltage	U_{imp}	kV	-		
	Operating cycles with current	-	-	-		
	Total power loss at I_{th} (without fuse)	P_v	W	400	520	
Fuse - links	Size to DIN 43 620	-	-	2x3	2xTM3/1250	
	Max. rated current (gL/gG)	I_N	A	-		
	Max. permis. power loss per fuse - link	P_v	W	-		
Mech. char.	Operating cycles without current	-	-	-		
	Weight ¹⁾	-	kg	15,5	33	
Cable connection	Flat terminal	Bolt diameter	-	-	3xM12	4xM12
		Cable lug (DIN 46 235)	-	mm ²	max. 3x300,4x185	max. 4x300
		Flat bar	-	mm	-	
	Flat terminal	Tightening torque	Ma	Nm	35 - 40	
Type of protec.	Front side device fitted	Operational state	-	-	IP 30	
		Front cover open	-	-	IP 10	
Operating conditions	Ambient temperature ²⁾	T_u	°C	-25 to + 55		
	Rated operating mode	-	-	Continuous operation		
	Actuation	-	-	Dependent manual operation		
	Mounting position	-	-	Vertical, horizontal		
	Altitude	-	m	Up to 2000		
	Pollution degree	-	-	3		
	Overvoltage category	-	-	IV		

¹⁾ Without packaging

²⁾ 35°C Normal temperature, at 55°C with reduced operating current