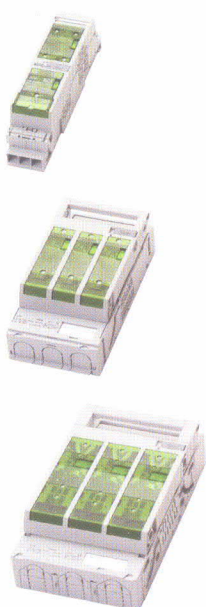
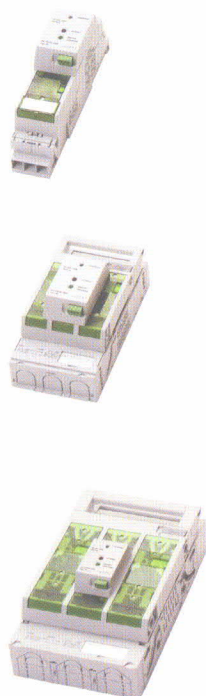


Fuse-switch-disconnector

	Description	I _e A	Size	Item No	Type	PK	Weight
	SILAS for base plate mounting with box terminal rm/re 50 mm ²	100	DIN000	707.035.010	S000	1	0,406
	SILAS for base plate mounting screw connection M8	160	DIN00	707.036.001	S00	1	0,645
	box terminal rm/re 95 mm ²	160	DIN00	707.036.002	S00R	1	0,605
	SILAS for base plate mounting screw connection M10	250	DIN1	707.037.001	S1	1	2,030
	screw connection M10	400	DIN2	707.038.001	S2	1	3,010
	screw connection M10	630	DIN3	707.039.001	S3	1	3,545
	box terminal rm/sm/se 150 mm ²	250	DIN1	707.037.000	S1R	1	2,165
	box terminal rm/sm/se 300 mm ²	400	DIN2	707.038.000	S2R	1	3,575
	box terminal rm/sm/se 300 mm ²	630	DIN3	707.039.000	S3R	1	4,000

Fuse-switch-disconnector with electronic fuse monitoring

	SILAS for base plate mounting with box terminal rm/re 50 mm ²	100	DIN000	707.035.100	S000SU	1	0,468
	SILAS for base plate mounting screw connection M8	160	DIN00	707.036.007	S00SU	1	0,730
	box terminal rm/re 95 mm ²	160	DIN00	707.036.008	S00RSU	1	0,690
	SILAS for base plate mounting screw connection M10	250	DIN1	707.037.011	S1SU	1	2,115
	screw connection M10	400	DIN2	707.038.011	S2SU	1	3,095
	screw connection M10	630	DIN3	707.039.011	S3SU	1	3,630
	box terminal rm/sm/se 150 mm ²	250	DIN1	707.037.010	S1RSU	1	2,245
	box terminal rm/sm/se 300 mm ²	400	DIN2	707.038.010	S2RSU	1	3,660
	box terminal rm/sm/se 300 mm ²	630	DIN3	707.039.010	S3RSU	1	4,085

Remarks:

– SILAS with mounted clamp connection or prism terminal or other combinations on request

Fuse-switch-disconnector size 000 and 00 for mounting on base plates and for bus bar mounting

Size	Unit	DIN000	DIN00
Rated operational voltage U_e	Vac	690	690
Rated operational currents I_e	A	100	160
Rated insulation voltage U_i	Vac	1000	1000
Rated surge withstand capacity U_{imp}	kV	SR000 = 8	8
		S000 = 6	
Rated frequency	Hz	50...60	50...60
Rated conditional short-circuit current			
(with fuse protection) at 400/500 Vac	kA	80	80
at 690 Vac	kA	80	80
Rated short-time withstand current I_{cw}			
(1 sec with knife connected)	A	3500	5000
Mechanical life			
(number of switching cycles)	n	1700	1400
Electrical life			
(number of switching cycles)	n	300	200
Categorie of use according to EN 60947-3			
at 400 Vac		AC-23B	AC-23B
at 500 Vac		AC-22B	AC-22B
at 690 Vac		AC-21B	AC-21B
at 220 Vdc		DC-22B^{*2)}	DC-22B
at 440 Vdc		DC-22B^{*2)}	at 125 A DC-21B^{*2)}
Fuse link			
(max. permissible powerloss)	W	7,5	12
Ambient temperature T_a	°C	-25 to +55	-25 to +55
IP protection class according to IEC 60529			
with cover plate		IP30	IP30^{*3)}
Terminals:			
Screw-type terminal		–	M8
Clamp connector Cu	re/rm	–	6–50
Prism terminal Al/Cu	re/rm/se/sm	–	6–70
Box terminal	re/rm	2,5–50	2,5–95
	Flat profile	max. 11 x 8	max. 13 x 13
Triple terminal	re/rm	–	3 x 1,5–16
Tightening torque levels:			
Screw-type terminal	Nm	–	12
Clamp connector	Nm	–	3
Prism terminal	Nm	–	3
Box terminal	Nm	4,5	4,5
Triple terminal	Nm	–	2,5
Input terminal bus bar	Nm	4,5	6
Activation			dependet manual activation
Installation position			vertical, horizontal

re = round, single-wire
^{*2)} via three poles

rm = round, multi-wire
^{*3)} Bus bar installation depth 32 mm: Protective panel S-00SW required

se = segment, single-wire

sm = segment, multi-wire

Fuse-switch-disconnector size 1–3 for mounting on base plates and for bus bar mounting

Size	Unit	DIN1	DIN2	DIN3
Rated operational voltage U_e	Vac	690	690	690
Rated operational currents I_e	A	250	400	630
Rated insulation voltage U_i	Vac	1000	1000	1000
Rated surge withstand capacity U_{imp}	kV	8	8	8
Rated frequency	Hz	50...60	50...60	50...60
Rated conditional short-circuit current				
(with fuse protection) at 400/500 Vac	kA	80	80	80
at 690 Vac	kA	80	50	80
Rated short-time withstand current I_{cw}				
(1 sec with knife connected)	A	8600	15200	20400
Mechanical life				
(number of switching cycles)	n	1400	800	800
Electrical life				
(number of switching cycles)	n	200	200	200
Categorie of use according to EN 60947-3				
at 400 Vac		AC-23B	AC-23B	AC-23B
at 500 Vac		AC-23B	AC-23B	AC-23B ^{*1)} AC-22B
at 690 Vac		AC-23B ^{*1)} AC-22B	AC-23B ^{*1)} AC-22B	AC-23B ^{*1)} AC-21B
at 220 Vdc		DC-22B ^{*1)} DC-21B	DC-22B ^{*1)} DC-21B	DC-22B ^{*1)} DC-21B
at 440 Vdc		DC-22B ^{*1)} DC-21B ^{*2)}	DC-22B ^{*1)} DC-21B ^{*2)}	DC-22B ^{*1)} DC-21B ^{*2)}
Fuse link				
(max. permissible powerloss)	W	23	34	48
Ambient temperature T_a	°C	–25 to +55	–25 to +55	–25 to +55
IP protection class according to IEC 60529				
with cover plate		IP30 ^{*3)}	IP30 ^{*4)}	IP30 ^{*4)}
Terminals:				
Screw-type terminal		M10	M10	M10
Double prism terminal Al/Cu	rm/se/sm	mm ² 2 x 35–70	2 x 35–70	2 x 35–70
Box terminal Al/Cu	rm	mm ² 35–150	35–150	35–150
	se/sm	mm ² 50–150	50–150	50–150
	Flat profile	mm max. 20 x 15	max. 20 x 15	max. 20 x 15
Tightening torque levels:				
Screw-type terminal	Nm	20	20	20
Double prism terminal	Nm	6	6	6
Box terminal	Nm	12	12	12
Input terminal bus bar	Nm	6	6	6
Activation				dependet manual activation
Installation position				vertical, horizontal

re = round, single-wire

rm = round, multi-wire

se = segment, single-wire

sm = segment, multi-wire

^{*1)} with retrofit kit

^{*2)} via three poles

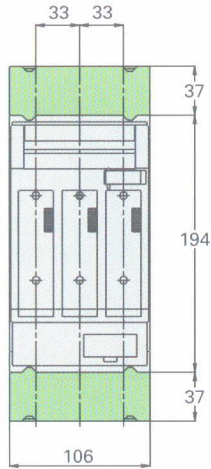
^{*3)} Bus bar installation depth 32 mm: IP20

^{*4)} Bus bar installation depth 32 mm: IP20; Installation depth 70 mm: Support profile S-UAP required

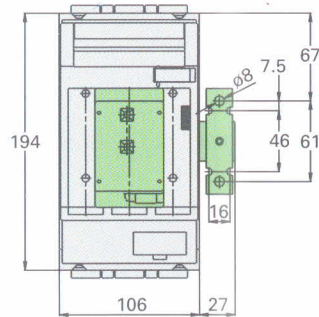
All materials used for SILAS are in conformity with Directive «RoHS».
All plastics are self-extinguishing and free of halogen and silicon.

SILAS for mounting on base plates, size 00

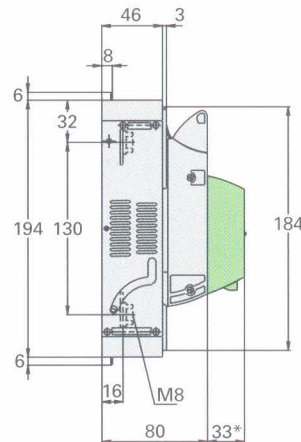
* = Fuse monitoring size 00–3



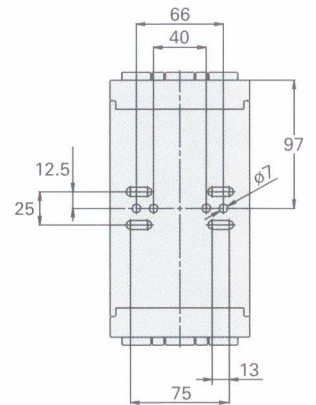
S00/S00R



S00SU, S-00 PEN

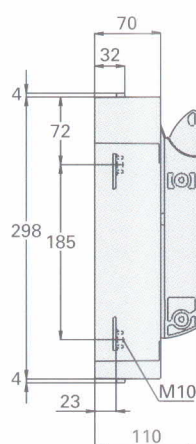
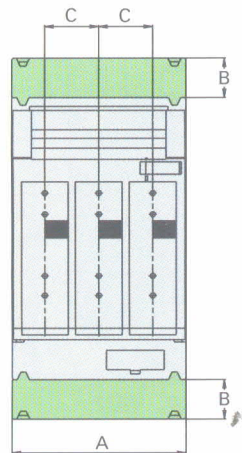


S00SU

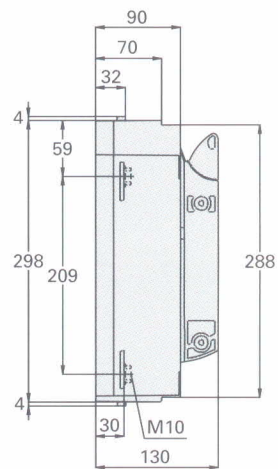


Fastening mass

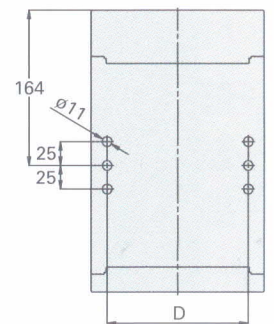
SILAS for mounting on base plates, size 1–3



Size 1



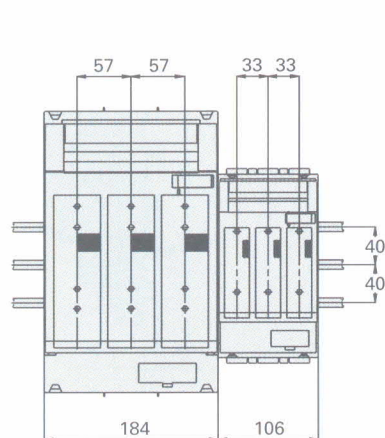
Size 2/3



Fastening mass

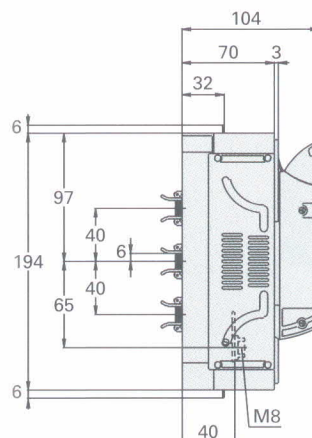
	A	B	C	D
Size 1	184	42	57	150
Size 2	210	42	65	166
Size 3	250	42	80	195

SILAS for 40 mm bus bar spacing, size 00 and 1

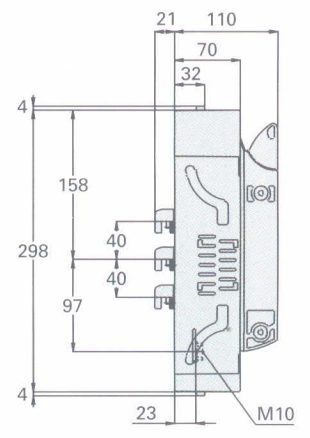


Size 1

Size 00



Size 00



Size 1