

MULTIFIX® 60

Touch Protection Cover Caps, Terminal Clamp Plates

Components for 60mm Systems

MULTIFIX® 60 is a system for energy distribution comprising a variety of modular combinable components. The energy distribution is carried out via copper bus bars in a 60 mm bus bar system up to 630 A, 400 V AC, 500 V AC, 690 V AC, 45–62 Hz. Short circuit withstand tested to VDE 0660 part 500 and IEC 60439-1.

MULTIFIX® 60 is suitable for triple pole, quadruple pole and quintuple pole applications.

The components of the MULTIFIX® 60 system are mounted directly without drilling. This method offers high flexibility for extension and alteration of existing installations -> reduced installation time.

Touch protection cover caps and terminal clamp plates are designed as a Modular technique for individual configurations. The range of terminal is from 16 to 185 mm². Touch protection cover caps and terminal clamp plates can also be used as spare way cover.

Features Benefits

- For bus bars with width 12 - 30 mm and thickness 5 - 10 mm
- Modular technique, individual configurations
- Range of terminal 16 - 85 mm²
- Can also be used as spare way cover
- Marked for classified recycling

Applications

- Panel board builders
- Control system engineering
- Industrial plants
- Heating & air conditioning systems

Technical data overview

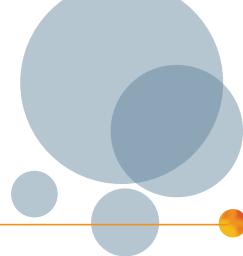
Volt (VAC)	690 VAC
Ampere Range (A)	2 ... 630 A



Standards

in accordance with IEC/EN 60439-1 and VDE 0660 part 500





Product range



1.000.771



1.000.772



1.000.773

Touch protection cover caps grey

Catalog number	Reference number	Design	Weight kg ¹⁾	Package
1.000.771	L1026431	200 x 54 x 42mm, for clamps max. 1.5-35 mm ²	0.08	10
1.000.772	M1026432	200 x 108 x 42mm, for clamps 16-70 mm ²	0.15	10
1.000.773	N1026433	200 x 108 x 78mm, for clamps 16-185 mm ²	0.28	10



1.000.774



1.000.775

Bus bar protection plates

Catalog number	Reference number	Design	Weight kg ¹⁾	Package
1.000.774	P1026434	bus bar protection plate width 54 mm	0.04	10
1.000.775	N1026479	bus bar protection plate width 108 mm	0.10	10



SAS01412



SAS01414

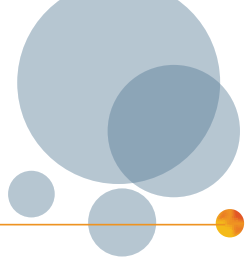


SAS01413

Terminal clamp plates, 84 x 59 x 200 mm triple pole

Catalog number	Reference number	Design	Thickness of bus bar	Weight kg ¹⁾	Package
SAS01412	E212041	terminal clamp plate complete, 200 x 84 x 59 mm for bus bars with thickness 5 mm, 35-120 mm ²	5 mm	0.43	1
SAS01414	Z211530	terminal clamp plate complete, 200 x 84 x 59 mm for bus bars with thickness 10 mm, 35-120 mm ²	10 mm	0.45	1
SAS01413	H218691	cover for terminal clamp plate 5/10mm	-	0.13	10

1) weight in kg per piece or set including package



Product range



Universal terminal clamps for bus bars with a thickness of 5 mm

Catalog number	Reference number	Thickness of bus bar	Ø max.	Max. tightening torque	Terminal	A	B	C	Weight kg ¹⁾	Package
1.000.776	K200730	5 mm	7.5 mm	3 Nm	1.5 ... 16 mm ²	25.5 mm	11.5 mm	27 mm	0.02	40
1.000.777	V1026432	5 mm	11 mm	6 Nm	1.5 ... 35 mm ²	26.5 mm	16 mm	31.5 mm	0.05	20
1.000.778	W1026463	5 mm	11 mm	6 Nm	1.5 ... 60 mm ²	26.5 mm	16 mm	35 mm	0.06	20
1.000.779	J201787	5 mm	14 mm	10 Nm	16 ... 70 mm ²	28 mm	20.5 mm	39 mm	0.07	10
1.000.780	V207524	5 mm	17 mm	10 Nm	16 ... 120 mm ²	29 mm	23.5 mm	46 mm	0.11	10
1.001.157	G1026450	5 mm	22 mm	10 Nm	16 ... 185 mm ²	29 mm	28.5 mm	49 mm	0.18	10



Universal terminal clamps for bus bars with a thickness of 10 mm

Catalog number	Reference number	Thickness of bus bar	Ø max.	Max. tightening torque	Terminal	A	B	C	Weight kg ¹⁾	Package
1.000.781	W219209	10 mm	7.5 mm	3 Nm	1.5 ... 16 mm ²	25.5 mm	11.5 mm	31.5 mm	0.02	40
1.000.782	A1026490	10 mm	11 mm	6 Nm	1.5 ... 35 mm ²	28.5 mm	16 mm	36.5 mm	0.05	20
1.000.783	B1026491	10 mm	11 mm	6 Nm	1.5 ... 60 mm ²	26.5 mm	16 mm	10 mm	0.06	20
1.000.784	F222185	10 mm	14 mm	10 Nm	16 ... 70 mm ²	28 mm	20.5 mm	45.5 mm	0.07	10
1.000.785	B222940	10 mm	17 mm	10 Nm	16 ... 120 mm ²	29 mm	23.2 mm	51 mm	0.11	10
1.001.158	H1026451	10 mm	22 mm	10 Nm	16 ... 185 mm ²	29 mm	28.5 mm	53 mm	0.18	10

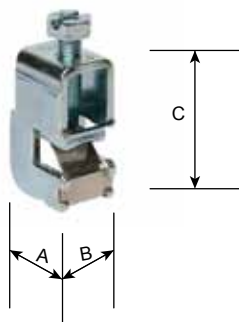
Technical data in accordance with EN / IEC 60947

Terminal clamp plates and touch protection

Track resistance/comperative tracking index	CTI 600
Fire resistance	UL 94-V0
Temperature resistance	200 °C
Glow wire test	960 °C

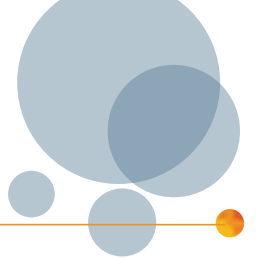
Dimensions

For bus bars with thickness of 5mm and 10mm (Values see table)



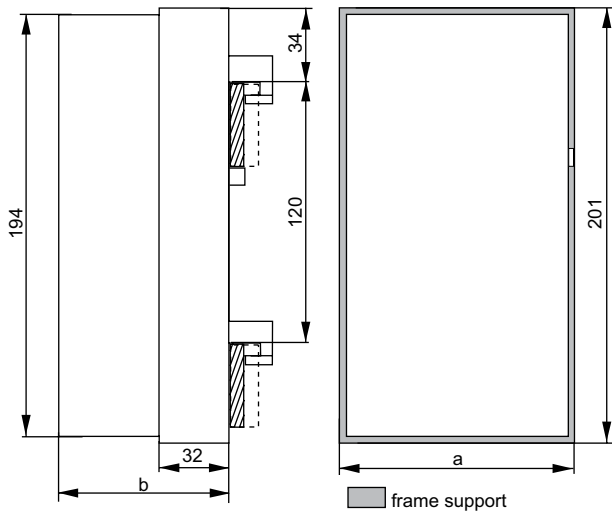
Dimensions in mm

1) weight in kg per piece or set including package



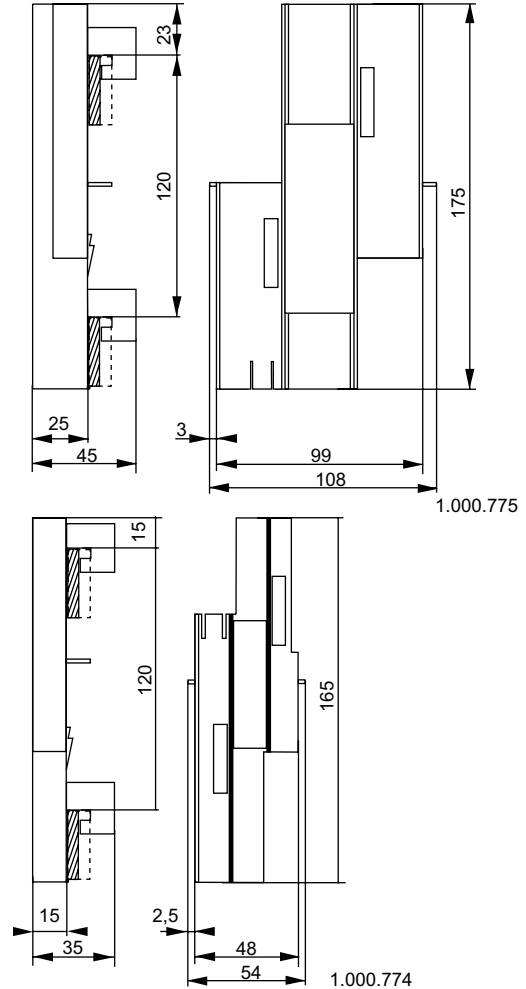
Dimensions

Touch protection cover caps and terminal clamps for modular technique for 60mm bus bar system (M02008a)



article number	dimension a	dimension b
1.000.771	54 mm	42 mm
1.000.772	108 mm	42 mm
1.000.773	108 mm	78 mm

a = width, b = depth (depth + 2 mm)



M02008a

Dimensions in mm