

MULTIBLOC® 000.RST8

Size 000, 100A, 690VAC, Design for bus bar installation, Triple Pole

IEC FUSE SWITCH DISCONNECTORS

NH FUSE SWITCH DISCONNECTOR



The production programme of MULTIBLOC® 000.RST8 comprises NH fuse switch disconnectors for 100A.

Products are designed in triple pole units for direct installation on to 60mm bus bar systems.

For installation of MULTIBLOC® NH fuse switch disconnectors of different sizes in distribution units with central cover, respective covers are used to obtain a uniform profile in height and length.

MULTIBLOC® size 00 are designed for NH fuse-links in accordance with IEC/EN 60269-2, VDE 0636-2, size 000: 100A.

The system is a modular system, which allows the installation and combination of individual components. MULTIBLOC® offers the user the possibility of fast and easy installation as well as a high degree of security during installation and maintenance.

TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Voltage DC	440 VDC
Amper (A)	100 A
Size per Standard	000
SCCR	Ue = AC 400 V; Ie = 100 A 80kA Ue = AC 690 V; Ie = 100 A 80kA
Mounting	bus bar installation
Switchability	triple pole switching

FEATURES & BENEFITS

- Touch protection IP 20
- Padlocking and sealing facility
- Width of switch 54mm
- Cable termination: frame clamp 2,5 - 50mm²
- For 60mm bus bar systems
- Universally useable for bus bars with thickness of 5-10 mm and widths of 12-30 mm
- Indicating switch for switch door position - optional
- Cover shroud for cable termination - optional
- Safe on load connection/disconnection in accordance with IEC 60947

APPLICATIONS

- House incoming units
- Meter distribution units
- Measuring transformer cabinets
- Transmitting stations for telecommunications

STANDARDS

- IEC/EN 60 947-3
For NH-fuse links size 000 in accordance with IEC/EN 60 269-2, VDE 0636-2



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PRODUCT RANGE



1.002.571



1.002.572

MULTIBLOC® 000.RST8 size 000 100 A, 690VAC bus bar installation, triple pole

Catalog number	Reference number	Poles	Cable termination components	Weight kg ¹	Package
1.002.571	L1002166	3	3 frame clamps 2,5-50 mm ² bottom terminal	0.60	1 piece
1.002.572	L1023050	3	3 frame clamps 2,5-50 mm ² top terminal	0.62	1 piece

¹weight in kg per piece or set including package

TECHNICAL DATA IN ACCORDANCE WITH EN / IEC 60947

	000.RST8 triple pole
Number of poles/phases	3
Size	000
Conventional free air thermal current with NH-fuse links I _{th}	100 A
Max. power dissipation of fuse links P _n	7,5 W
Utilization category to IEC/EN 60947-3 U _e = AC 690 V; I _e = 100 A U _e = DC 440 V; I _e = 100 A	AC 22 B DC 21 B
Rated operational voltage U _e	690 V
Rated insulation voltage U _i	1000 V
Rated impulse withstand voltage U _{imp}	6 kV
Rated frequency	50 ... 60 Hz
Degree of protection	IP 20
Degree of pollution	3
Rated duty	uninterrupted duty
Rated conditional short-circuit current with fuse links U _e = AC 400 V; I _e = 100 A U _e = AC 690 V; I _e = 100 A	80 kA 80 kA
Power dissipation by I _{th} without NH-fuse links	8 W
Installation mode	bus bar installation
Cable terminal connection	
Standard cable terminal	frame clamp 2-5-50mm ²
Bus bar terminal connection	
Bus bar width (bus bar system = 60 mm)	12 ... 30 mm
Bus bar thickness (bus bar system = 60 mm)	5 ... 10 mm
Bus bar system	60 mm

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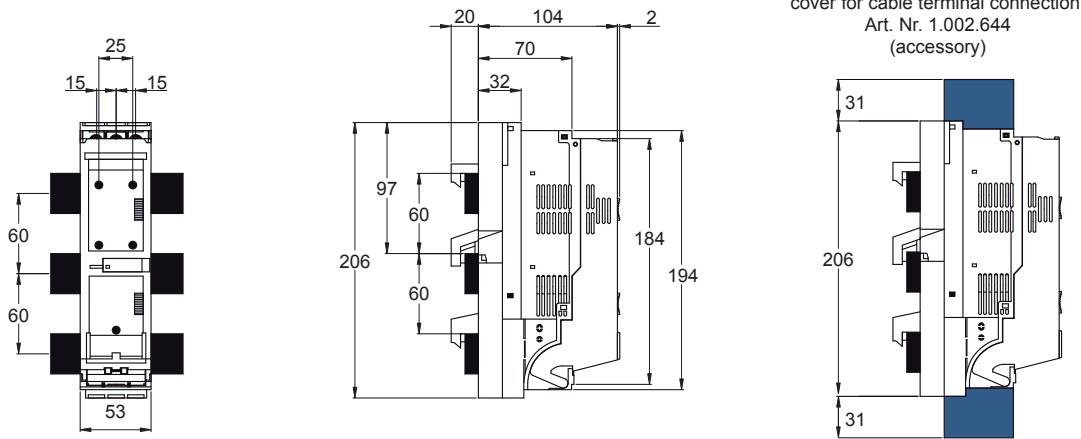
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DIMENSIONS

MULTIBLOC® 000.RST8 NH-fuse switch disconnecter
triple pole design for bus bar installation

(M02047)



Dimensions in mm

ACCESSORIES



1.002.644

Cover/shrouds for cable termination

Catalog number	Reference number	Design	Weight	Package
1.002.644	N1022983	cover for cable terminal connection, 1 set = 2 pieces	68 g	1 set



1.002.643

Indication facilities

Catalog number	Reference number	Design	Weight	Package
1.002.643	T1022988	indicator for switch door position micro switch 1 change-over contact 5 A, 250 V for MULTIBLOC® 000.RST8 1 set = 3 pieces	0.1 kg	1 piece

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