

# 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 - 50mm<sup>2</sup>
- 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

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

Catalog number	Item number	Poles	Cable termination components	Package	Weight
1.002.571	L1002166	3	3 frame clamps 2,5-50 mm <sup>2</sup> bottom terminal	1 piece	0.6 kg
1.002.572	L1023050	3	3 frame clamps 2,5-50 mm <sup>2</sup> top terminal	1 piece	0.62 kg

## TECHNICAL DATA IN ACCORDANCE WITH EN / IEC 60947

	<b>000.RST8 triple pole</b>
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
<b>Cable terminal connection</b>	
Standard cable terminal	frame clamp 2-5-50mm <sup>2</sup>
<b>Bus bar terminal connection</b>	
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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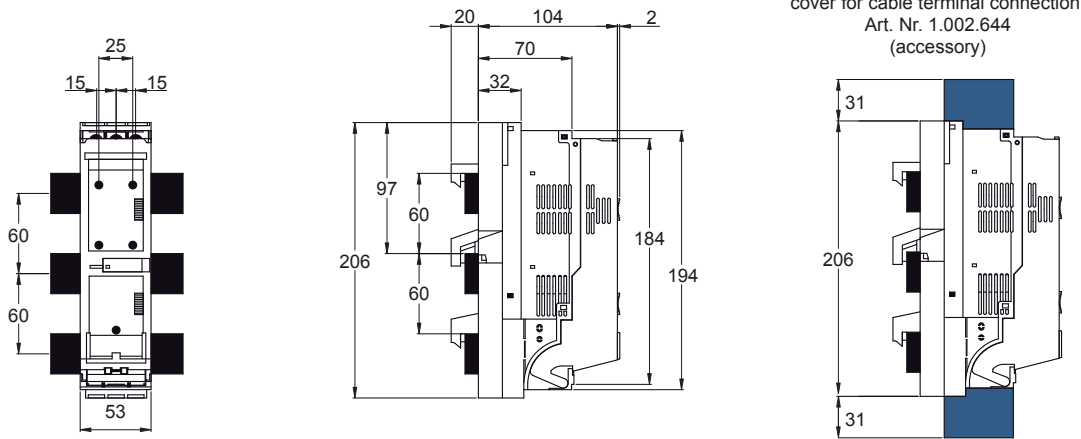
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## DIMENSIONS

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



1.002.643

### Indication facilities

Catalog number	Item number	Design	Package	Weight
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	1 piece	0.1 kg

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