MULTIBLOC® 000.RST9

Size 000, 125A, 690VAC, Design for bus bar installation, Triple Pole

IEC FUSE SWITCH DISCONNECTORS

NH FUSE SWITCH DISCONNECTOR

The production programme of MULTIBLOC® 000.RST9 comprises NH fuse switch disconnectors for 125A.

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 000 are designed for NH fuse-links in accordance with IEC/EN 60269-2, VDE 0636-2.

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	250 VDC
Amper (A)	125 A
Size per Standard	000
SCCR	Ue=AC 500 V; Ie=125A 80kA Ue=AC 690 V; Ie= 80A 80kA Ue=DC 250V; Ie=125A 25kA
Mounting	bus bar installation
Switchability	triple pole switching

FEATURES & BENEFITS

- Touch protection IP 30
- Width of switch 54mm, Installation depth 105 mm
- Cable termination: frame clamp 2,5 - 50mm²
- For 60mm bus bar systems
- Large windows with testing holes
- Padlocking and sealing facility integrated
- Universally useable for bus bars with thickness of 5-10 mm and widths of 12–30 mm
- Indicating switch for switch door position - optional
- Safe on load connection/disconnection in accordance with IEC 60947
- Fuse monitoring version available

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

CE

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MULTIBLOC® 000.RST9

Size 000, 125A, 690VAC, Design for bus bar installation, Triple Pole

PRODUCT RANGE

1.005.065

MULTIBLOC® 000.RST9 size 000 125 A, 690VAC bus bar installation, triple pole

Catalog number	Item number	Poles	Cable termination components	Package	Weight
1.005.065	B1070421	3	3 frame clamps 2,5-50 mm² top cable terminal	1 piece	0.52 kg
1.005.067	C1070422	3	3 frame clamps 2,5-50 mm² bottom cable terminal	1 piece	0.52 kg

MULTIBLOC® 000.RST9 size 000 125 A, 690VAC bus bar installation, triple pole, equipped with Fuse Monitoring module

Catalog number	Item number	Poles	Cable termination components	Package	Weight
1.005.165	G1070426	3	3 frame clamps 2,5-50 mm² top cable terminal	1 piece	-
1.005.167	H1070427	3	3 frame clamps 2,5-50 mm² bottom cable terminal	1 piece	-

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TECHNICAL DATA IN ACCORDANCE WITH EN / IEC 60947

	000.RST9 triple pole
Number of poles/phases	3
Size	000
Conventional free air thermal current with NH-fuse links I_{th}	125 A
Max. power dissipation of fuse links P_n	9 W
Conventional free air thermal current with solid links I_{th}	160 A
Rated operational voltage U_e	690 V
Utilization category to IEC/EN 60947-3 U_e = AC 400 V; I_e = 100 A U_e = AC 400 V; I_e = 125 A U_e = AC 500 V; I_e = 100 A U_e = AC 500 V; I_e = 125 A U_e = AC 690 V; I_e = 125 A U_e = DC 250 V; I_e = 125 A (all poles serial) U_e = DC 250 V; I_e = 80 A (L1/L3 serial)	 AC 23 B AC 22 B AC 22 B AC 21 B AC 21 B DC 22 B DC 21 B
Rated insulation voltage U_i	1000 V
Rated impulse withstand voltage U_{imp}	6 kV
Rated frequency	50 ... 60 Hz
Degree of protection	IP 30
Degree of pollution	3
Rated duty	uninterrupted duty
Rated short circuit making capacity with solid links I_{cm}	5.1 kApeak
Rated short-time withstand current I_{cw}	3.5 kA / 1 s
Rated conditional short-circuit current with fuse links U_e = AC 500 V; I_e = 125 A U_e = AC 690 V; I_e = 80 A U_e = DC 250 V; I_e = 125 A	 80 kA 80 kA 25 kA
Power dissipation by I_{th} without NH-fuse links (for Top terminal version)	10W at 100A load 16W at 125A load
Cable terminal connection	
Standard cable terminal	frame clamp 2,5-50mm² (Cu rm/re)
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
Installation mode	bus bar installation

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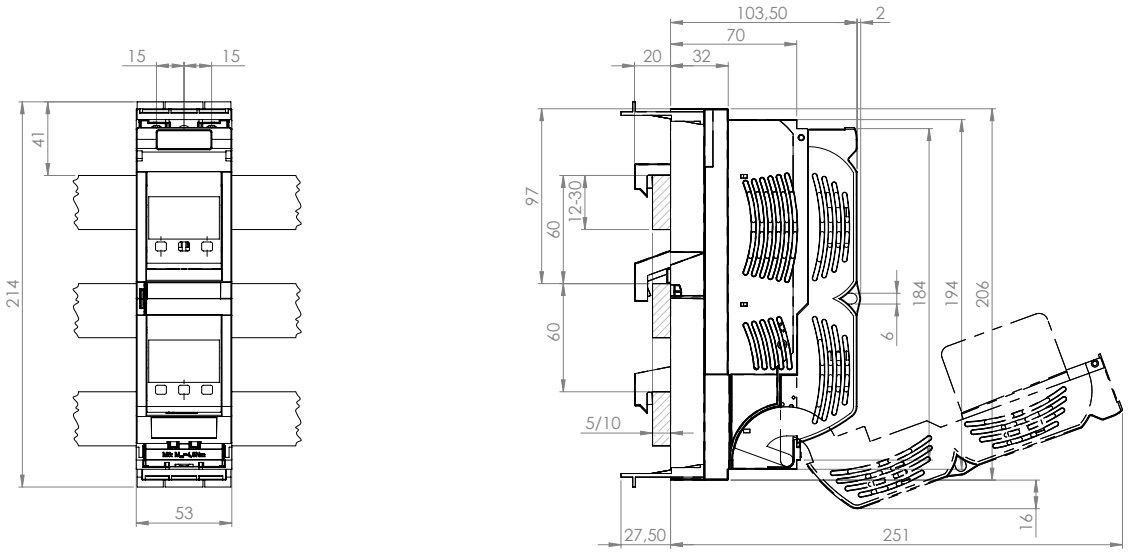
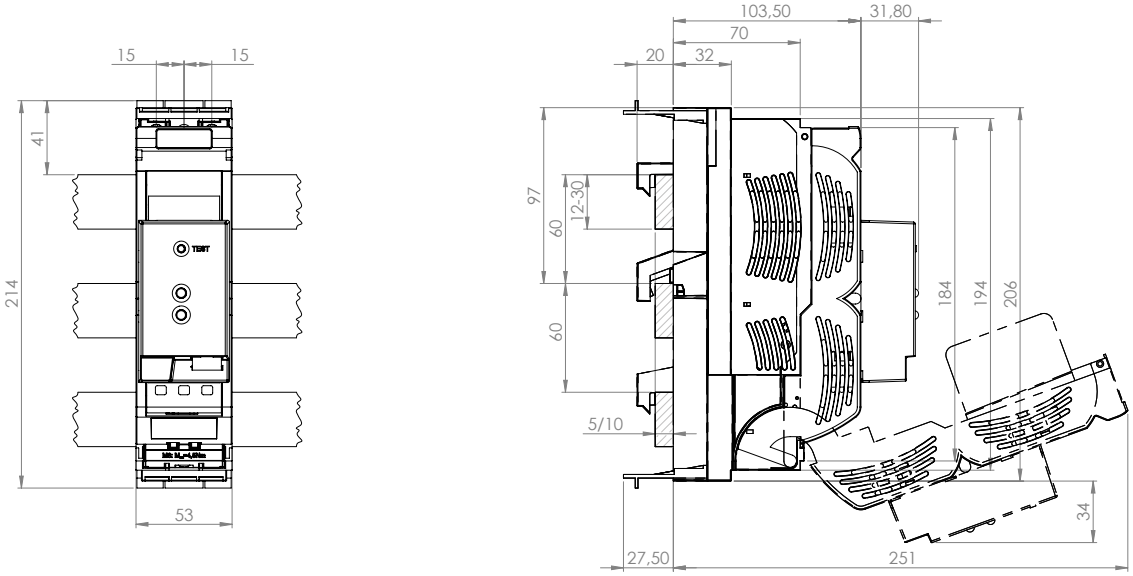
DIMENSIONS

MULTIBLOC® 000.RST9 size 000 125 A,
690VAC bus bar installation, triple pole (M01203)



Dimensions in mm

MULTIBLOC® 000.RST9 size 000 125 A,
690VAC bus bar installation, triple pole, equipped with Fuse Monitoring module (M01208)



Dimensions in mm

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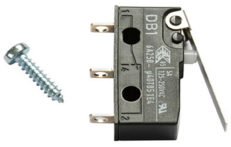
ACCESSORIES



1.005.080

Indication facilities

Catalog number	Item number	Design	Package	Weight
1.005.080	E1070424	indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V for MULTIBLOC® 000.ST9 and 000.RST9	1 piece	10 g

NH00NEUTRAL

NH Solid links / Measuring links

Catalog number	Item number	Size	Rated current I_n	Package	Weight
Solid links with live tags					
NH00NEUTRAL	Z218269	000/00	160 A	15	80 g

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