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MULTIBLOC®



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2010

MULTIBLOC® NH-fuse switch disconnecter

| | |
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MULTIBLOC®

Product presentation

NH-fuse switch disconnectors

The production programme of **MULTIBLOC®** comprises NH-fuse switch disconnectors from 100 A to 1600 A. The design for bottom fitting includes single pole, double pole, triple pole and quadruple pole units. Products for direct installation on to bus bars are designed for installation in 40 mm and 60 mm bus bar systems. Application to 100 mm bus bar systems by **MULTIBLOC®** design for bottom fitting together with an adapter.

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® fuse switch disconnectors as main incomers size 1 and size 2 available.

MULTIBLOC® are designed for NH-fuse links in accordance with IEC/EN 60 269-2, VDE 0636-2, size 000, 100 A, size 00, 160 A; size 1, 250 A; size 2, 400 A; size 3, 630 A; size 4a, 1250 A and 1600 A.

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 standards

All products of the **MULTIBLOC®** series are developed and designed to the latest technical standards and regulations.

MULTIBLOC® NH-fuse switch disconnectors are tested and certified to IEC/EN 60 947-3/VDE 0660/part 107.



Applications

- ◆ House incoming units
- ◆ Panel boards for industrial use
- ◆ Feeder pillars for industrial use
- ◆ Meter distribution units
- ◆ Measuring transformer cabinets
- ◆ Transmitting stations for telecommunications

MULTIBLOC®**Advantages****NH-fuse switch disconnector**

- ◆ Design for bottom fitting: single pole, double pole, triple pole, quadruple pole
- ◆ Design for bus bar installation: triple pole (size 000 to 2)
 - ◆ For 40 mm and 60 mm bus bar systems (size 00 to 2)
 - ◆ For top/bottom cable termination
 - ◆ Universally useable for bus bars with a width of 5 mm and 10 mm
 - ◆ Switch can still be adjusted after being snapped on to bus bars and fixed after adjustment (size 1,2)
- ◆ Design with electronic fuse monitoring ESÜ
- ◆ Design with electro-mechanic fuse monitoring MZS (galvanic isolation)
- ◆ Touch protection IP20 - when fuse link is in test mode IP rating is maintained
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Modular system of cover - cover for cable termination area can be extended as required
- ◆ Touch protection cover for direct installation on to bus bar system - optional (00.RST9, 1.RST8)
- ◆ Materials used are free of halogen, self extinguishing, marked for classified recycling
- ◆ Varieties of cable termination
 - ◆ size 00: screw, clamp, Al/Cu-clamp, frame clamp, extendable for V-terminal - optional
 - ◆ size 1, 2, 3: screw, bolt, clamp strap, size 1 and 2 extendable for V- terminal - optional
- ◆ Locking device for window - optional
- ◆ Indicating switch for switch door position - optional

**Series 00.ST9 / 00.RST9**

- ◆ Sealing and padlocking device integrated in switch door cover
- ◆ Installation of MULTIBLOC® 00.RST9 covering bus bar carrier (max. height 14,5 mm) lateral left or right possible





MULTIBLOC®

NH-fuse switch disconnecter

Specification

Components

◆ Base

The base is touch protected (degree of protection IP 10)

◆ Main base

The main base consists of glass fibre strengthened, thermally high stable, self extinguishing thermosetting material. There are no metal parts except the contact carrying contact system.

◆ Contact system

The contact system is corrosion resistant as well as torsion resistant. The copper contacts are galvanic surface coated. The contact springs are made of stainless steel.

◆ Touch protection

The one- piece or two- piece protective cover consists of additionally strengthened thermally high stable, self extinguishing, thermoplastic material free of halogen. It is snapped into the main base.

◆ Switch operating cover

The switch operating cover consists of glass fibre strengthened self extinguishing, thermoplastic material free of halogen.

In the ON position a spring cover plate lock secures the switch operating cover.

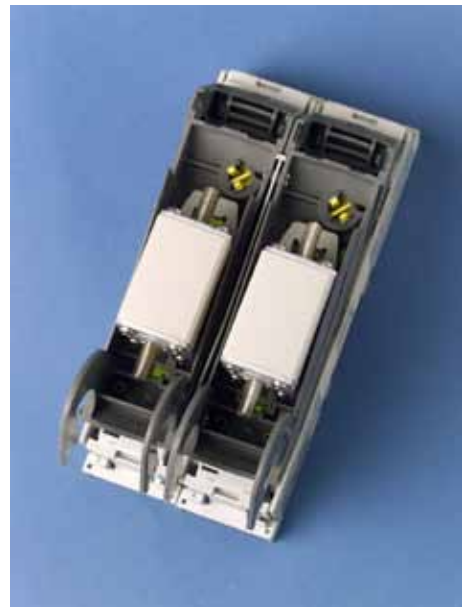
In order to change the NH-fuse links the switch operating cover can be removed in the OFF position.

The switch operating cover is supplied with large windows which enable the label and the indicator of the fuse link to be clearly seen.

These windows can be opened to check the condition of the fuse links, a touch protection of IP 20 is guaranteed with fuse links in test mode.

If necessary the window can be secured against unauthorised opening by a locking device (accessory) - (size 00 to 2). The switch operating cover can be parked (parking position).

The switch operating cover of MULTIBLOC® series ST9 is designed with integrated padlocking and sealing device. The switch operating cover of MULTIBLOC® series ST8 size 00 and 1 can be sealed (optional) and locked – protection against unauthorised connection.



MULTIBLOC®**Function**

NH-fuse switch disconnector

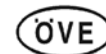
- ◆ PROTECTING
 - ◆ Protection of circuits against overload and short circuit (current limiting)
 - ◆ Protection of equipment and installations for short circuits up to 120 kA against dynamic short circuit effects through current limitation
 - ◆ Selective isolation of defective circuit units up to highest short circuit currents 120 kA
 - ◆ Protection of equipment (e.g. short circuit protection relays, circuit breakers and bus bar systems)
 - ◆ Safe load breaking; even with frequent short circuits by replacement of fuse links
 - ◆ Protection of persons and animals against shock hazards (zero voltage)
- ◆ ISOLATING
 - ◆ Large visible isolating distance
- ◆ EARTHING AND SHORT CIRCUITS
 - ◆ Dynamic short- circuit withstand with NH-fuse links up to 120 kA
- ◆ SWITCHING
 - ◆ Safe short circuit making with NH-fuse links up to 80 kA
 - ◆ Load isolating capacity (AC 23 B)
- ◆ TOUCH PROTECTION
 - ◆ Touch protection IP 10 in open position
 - ◆ IP 20 in closed position, series ST8
 - ◆ IP 30 in closed position, series ST9
- ◆ ELECTROMAGNETIC COMPATIBILITY IN ACCORDANCE WITH EN 60 947-3





MULTIBLOC® 000.ST8

NH-fuse switch disconnecter, size 000, 100 A, 690 V AC, design for bottom fitting



in accordance with IEC/EN 60 947-3.

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

- ◆ Touch protection IP 20
- ◆ Large windows with testing holes
- ◆ Width of switch 89 mm, installation depth 40 mm
- ◆ Cable termination: frame clamp 1,5 - 50 mm²
- ◆ Combination of several switches by using insulated bus bars
- ◆ Indicating switch for switch door position - optional



C00ST601

| MULTIBLOC® 000.ST8 | | size 000 | 100 A, 690 V AC | bottom fitting, triple pole | |
|--------------------|-------|---------------------------------------|-----------------|-----------------------------|---------|
| article-number | poles | cable termination components | | weight kg ¹⁾ | package |
| C00ST601 | 3 | 6 frame clamps 1,5–50 mm ² | | 0,46 | 1 piece |

MULTIBLOC® 000.RST8

NH-fuse switch disconnecter, size 000, 100 A, 690 V AC, design for bus bar installation

in accordance with IEC/EN 60 947-3.

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

- ◆ Touch protection IP 3x
- ◆ Padlocking and sealing facility
- ◆ Width of switch 54 mm
- ◆ Cable termination: frame clamp 2,5 - 50 mm²
- ◆ For 60 mm 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



1.002.571

| MULTIBLOC® 000.RST8 | | size 000 | 100 A, 690 V AC | bus bar installation, triple pole | |
|---------------------|-------|---|-----------------|-----------------------------------|---------|
| article-number | poles | cable termination components | | weight kg ¹⁾ | package |
| 1.002.571 | 3 | 3 frame clamps 2,5 - 50 mm ² bottom terminal | | 0,60 | 1 piece |
| 1.002.572 | 3 | 3 frame clamps 2,5 - 50 mm ² top terminal | | 0,62 | 1 piece |

subject to alteration

MULTIBLOC® 000.ST8 / 000.RST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 000, 100 A, design for bottom fitting / design for bus bar installation

| | 000.ST8 triple pole | 000.RST8 triple pole |
|---|---------------------------------------|---------------------------------------|
| Installation mode | bottom fitting | bus bar installation |
| Size | 000 | 000 |
| Number of poles/phases | 3 | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 100 A | 100 A |
| Max. power dissipation of NH-fuse links P_n | 7,5 W | 7,5 W |
| Max. power dissipation of solid links P_n | 1,2 W | - |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 100 A$ $U_e = AC 690 V; I_e = 100 A$ $U_e = DC 440 V; I_e = 100 A$ | AC 22 B AC 21 B - | - AC 22 B DC 21 B |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 690 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 6 kV | 6 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity 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 80 kA |
| Power dissipation by I_{th} without NH-fuse links | 9 W | - |
| Cable terminal connection | | |
| Standard terminal | frame clamp 1,5–50 mm ² | frame clamp 2,5-50 mm ² |
| Bus bar terminal connection | | |
| Bus bar system | - | 60 mm |
| Bus bar width (bus bar system = 60 mm) | - | 20 ... 30 mm |
| Bus bar thickness (bus bar system = 60 mm) | - | 5 ... 10 mm |

subject to alteration

MULTIBLOC® size 000

10



MULTIBLOC® 000.ST8

Dimensions

MULTIBLOC® 000.ST8 NH-fuse switch disconnecter triple pole design for bottom fitting

M01095

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.

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MULTIBLOC®



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MULTIBLOC® 000.ST8

Dimensions

MULTIBLOC® 000.ST8 NH-fuse switch disconnecter triple pole design for bottom fitting M01096

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MULTIBLOC® size 000

12



MULTIBLOC® 000.RST8

Dimensions

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

M02047

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status 8/2010

MULTIBLOC® size 000

Accessories

NH-fuse switch disconnecter, size 000, 100 A



1.002.644

| Cover shrouds for cable termination | | MULTIBLOC® 000.RST8 | |
|-------------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.002.644 | cover for cable terminal connection, 1 set = 2 pieces | 0,07 | 1 set |



C00SZAB

| Cover shields | | MULTIBLOC® 000.ST8 | |
|----------------|-------------------------------------|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| C00SZAB | cover shield 180 x 110 for 1 switch | 0,03 | 1 piece |



C00SZDIN

| Installation devices | | MULTIBLOC® 000.ST8 | |
|----------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| C00SZDIN | adapter for installation on to DIN-rails in accordance with EN 50 022, 35 x 7,5 mm and 35 x 15 mm for 000.ST8 triple pole | 0,01 | 1 piece |



C00SZHID



1.002.643

| Indication facilities | | MULTIBLOC® 000.ST8 / 000.RST8 | |
|-----------------------|---|-------------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| C00SZHID | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V for MULTIBLOC 000.ST8 1 set = 3 pieces | 0,006 | 1 piece |
| 1.002.643 | indicator for switch door position micro switch 1 change-over contact 5 A, 250 V for MULTIBLOC 000.RST8 1 set = 3 pieces | 0,01 | 1 piece |



C00SZ3K



C00SZAK

| Varieties of cable termination | | MULTIBLOC® 000.ST8 | |
|--------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| C00SZ3K | triple clamp per pole 2.5 up to 16 mm ² | 0,06 | 1 piece |
| C00SZAK | insertion clamp 25–95 mm ² round solid/round stranded; 16–70 mm ² fine stranded | 0,09 | 1 piece |

subject to alteration



MULTIBLOC® size 000

Accessories

NH-fuse switch disconnecter, size 000, 100 A



C00SZPS6



C00SZPS9



C00SZVS



C00SZLFA

| Insulated bus bars | | MULTIBLOC® 000.ST8 | |
|--------------------|--|-------------------------|----------|
| article-number | design | weight kg ¹⁾ | package |
| C00SZPS6 | insulated bus bar for two MULTIBLOC 000.ST8 | 0,26 | 5 pieces |
| C00SZPS9 | insulated bus bar for three MULTIBLOC 000.ST8 | 0,43 | 5 pieces |
| C00SZPS12 | insulated bus bar for four MULTIBLOC 000.ST8 | 0,60 | 1 piece |
| C00SZVS | insulated connection bus bar to connect two insulated bus bars | 0,26 | 5 pieces |
| C00SZLFA | spare way cover for three poles of insulated bus bar | 0,01 | 5 pieces |



MULTIBLOC® 00.ST8

NH-fuse switch disconnecter, size 00, 160 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 000/00 in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Modular system of cover - cover for cable termination area can be extended - optional
- ◆ Varieties of cable termination: screw, clamp strap, Al-Cu clamp, extendable for V-terminal - optional
- ◆ Padlocking and sealing of switch door cover - optional
- ◆ Indicating switch for switch door position - optional



1.000.053 1.001.817

| MULTIBLOC® 00.ST8 | | size 00 | 160 A, 690 V AC | bottom fitting, single pole | |
|-------------------|-------|---|--|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.053 | 1 | 2 M8 terminal screws | - | 0,32 | 1 piece |
| 1.000.054 | 1 | 2 clamp straps Cu 4–70 mm ² | - | 0,32 | 1 piece |
| 1.000.114 | 1 | 2 Al/Cu clamps 1,5–70 mm ² round stranded, 95 mm ² sectoral solid | - | 0,35 | 1 piece |
| 1.001.817 | 1 | 2 M8 terminal screws | for direct installation on to bus bars with screw M8 | 0,29 | 1 piece |



1.000.139

| MULTIBLOC® 00.ST8 | | size 00 | 160 A, 690 V AC | bottom fitting, double pole | |
|-------------------|-------|---|-----------------|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.139 | 2 | 3 M8 terminal screws | | 0,62 | 1 piece |
| 1.000.140 | 2 | 4 clamp straps Cu 4 –70 mm ² | | 0,62 | 1 piece |



1.000.141

| MULTIBLOC® 00.ST8 | | size 00 | 160 A, 690 V AC | bottom fitting, quadruple pole | |
|-------------------|-------|--|--|--------------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.141 | 4 | 8 M8 terminal screws | pole 4 right side | 1,04 | 1 piece |
| 1.000.142 | 4 | 8 clamp straps Cu 4–70 mm ² | pole 4 right side | 1,04 | 1 piece |
| 1.001.575 | 4 | 8 M8 terminal screws | pole 4 left side | 1,04 | 1 piece |
| 1.002.377 | 4 | 8 M8 terminal screws | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 1,80 | 1 piece |
| 1.003.141 | 4 | 8 clamp straps Cu 4 - 70 mm ² | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 1,80 | 1 piece |



1.002.377

subject to alteration



MULTIBLOC® 00.ST9

NH-fuse switch disconnecter, size 00, 160 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 000/00 in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 30
- ◆ Sealing and padlocking device integrated in switch door cover
- ◆ Installation depth 81 mm
- ◆ Voltage test through holes in slidable windows directly at contacts or tags of NH-fuse links
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Modular system of cover - cover for cable termination area can be extended as required
- ◆ Varieties of cable termination: screw, clamp strap, Al-Cu clamp, frame clamp, extendable for V-terminal - optional
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Indicating switch for switch door position - optional
- ◆ Installation on to DIN rails in accordance with EN 60 715 - optional



2.030.000



2.030.300



2.030.100



2.030.200

| MULTIBLOC® 00.ST9 | | size 00 | 160 A, 690 V AC | bottom fitting, triple pole | |
|-------------------|-------|---|--|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 2.030.000 | 3 | 6 M8 terminal screws | - | 0,75 | 1 piece |
| 2.031.000 | 3 | 6 clamp straps Cu 4 - 70mm ² | - | 0,75 | 1 piece |
| 2.032.000 | 3 | 6 Al/Cu clamps 1,5 - 70 mm ² round stranded, 95 mm ² sectoral solid | - | 0,85 | 1 piece |
| 2.033.000 | 3 | 3 frame clamps Cu 2,5 - 70 mm ² factory assembled | - | 0,70 | 1 piece |
| 2.034.000 | 3 | 3 M8 terminal screws, 3 clamp straps Cu 4 - 70mm ² | - | 0,75 | 1 piece |
| 2.035.000 | 3 | 3 M8 terminal screws 3 Al/Cu clamps 1,5 - 70 mm ² round stranded, 95 mm ² sectoral solid | - | 0,75 | 1 piece |
| 2.030.300 | 3 | 6 M8 terminal screws | fixed window to protect against unauthorized connection | 0,75 | 1 piece |
| 2.031.300 | 3 | 6 clamp straps Cu 4 - 70mm ² | fixed window to protect against unauthorized connection | 0,75 | 1 piece |
| 2.030.100 | 3 | 6 M8 terminal screws | with electronic fuse monitoring ESÜ installed | 0,86 | 1 piece |
| 2.030.200 | 3 | 6 M8 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1,39 | 1 piece |

subject to alteration



MULTIBLOC® 00.RST9

NH-fuse switch disconnecter, size 00, 160 A, 690 V AC, design for bus bar installation

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 000/00 in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 30
- ◆ Sealing and padlocking device integrated in switch door cover
- ◆ Voltage test through holes in slidable windows directly at contacts or tags of NH-fuse links
- ◆ Suitable for top/bottom cable terminal connections
- ◆ Varieties of cable termination: screw, clamp strap, Al-Cu clamp, frame clamp, extendable for V-terminal - optional
- ◆ Varieties for 40 and 60 mm bus bar systems, snap on installation (without drilling) on to 60 mm system without tools possible
- ◆ Universally useable for bus bars with thickness of 5 and 10 mm and widths of 12–30 mm
- ◆ Installation covering bus bar carrier (max. height 14,5 mm) lateral left or right possible
- ◆ Installation depth 95 mm
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Indicating switch for switch door position - optional



| MULTIBLOC® 00.RST9 size 00 160 A, 690 V AC bus bar installation, triple pole | | | | | | | |
|--|-------|----------------------|--|--|-------------------------|---------|--|
| article-number | poles | bus bar installation | cable termination components | design | weight kg ¹⁾ | package | |
| 3.084.000 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | - | 0,93 | 1 piece | |
| 3.083.000 | 3 | 60 mm snap on | 3 frame clamps Cu 2,5 - 70 mm ² factory assembled | - | 0,88 | 1 piece | |
| 3.084.300 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | fixed window to protect against unauthorized connection | 0,88 | 1 piece | |
| 3.083.300 | 3 | 60 mm snap on | 3 frame clamps Cu 2,5 - 70 mm ² factory assembled | fixed window to protect against unauthorized connection | 0,88 | 1 piece | |
| 3.084.100 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | with electronic fuse monitoring ESÜ installed | 0,96 | 1 piece | |
| 3.084.200 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1,46 | 1 piece | |
| 2.074.000 | 3 | 40 mm clamping bar | 3 M8 terminal screws 3 clamp straps 4-70 mm ² | - | 1,06 | 1 piece | |

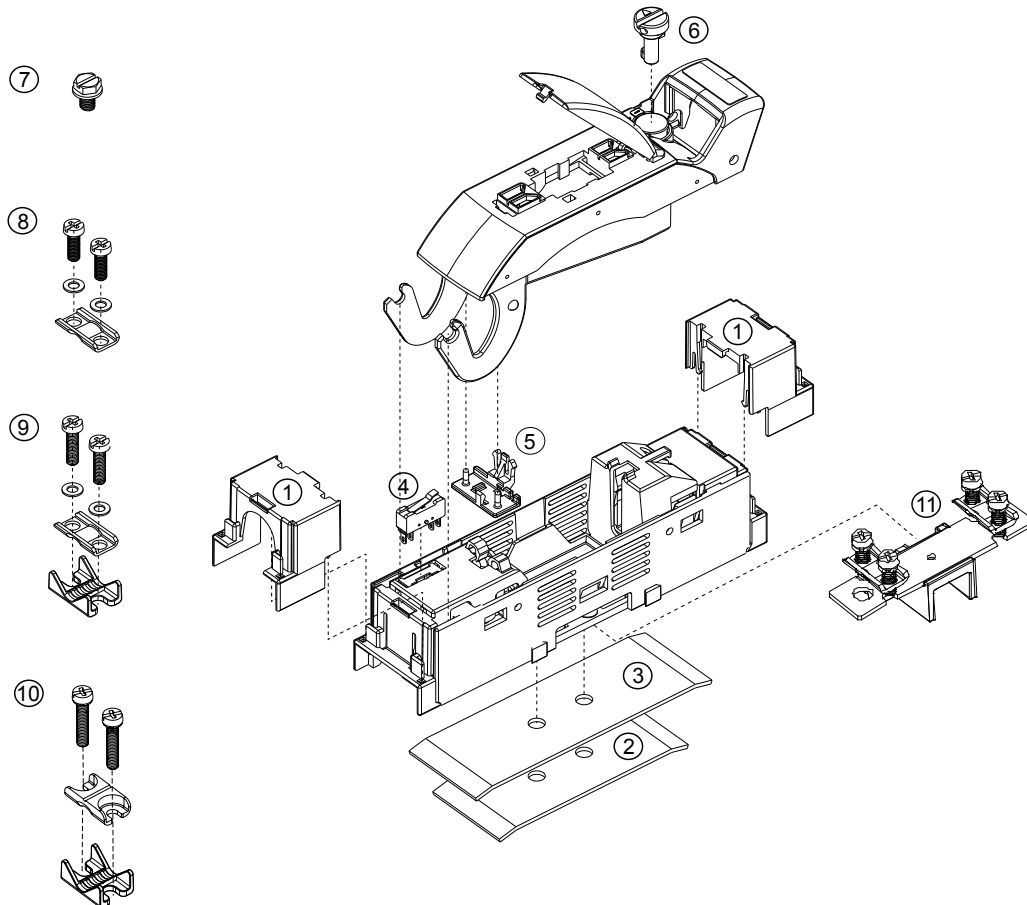
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MULTIBLOC® 00.ST8

MULTIBLOC® 00.ST8 NH- fuse switch disconnecter single pole

E 1.000.622



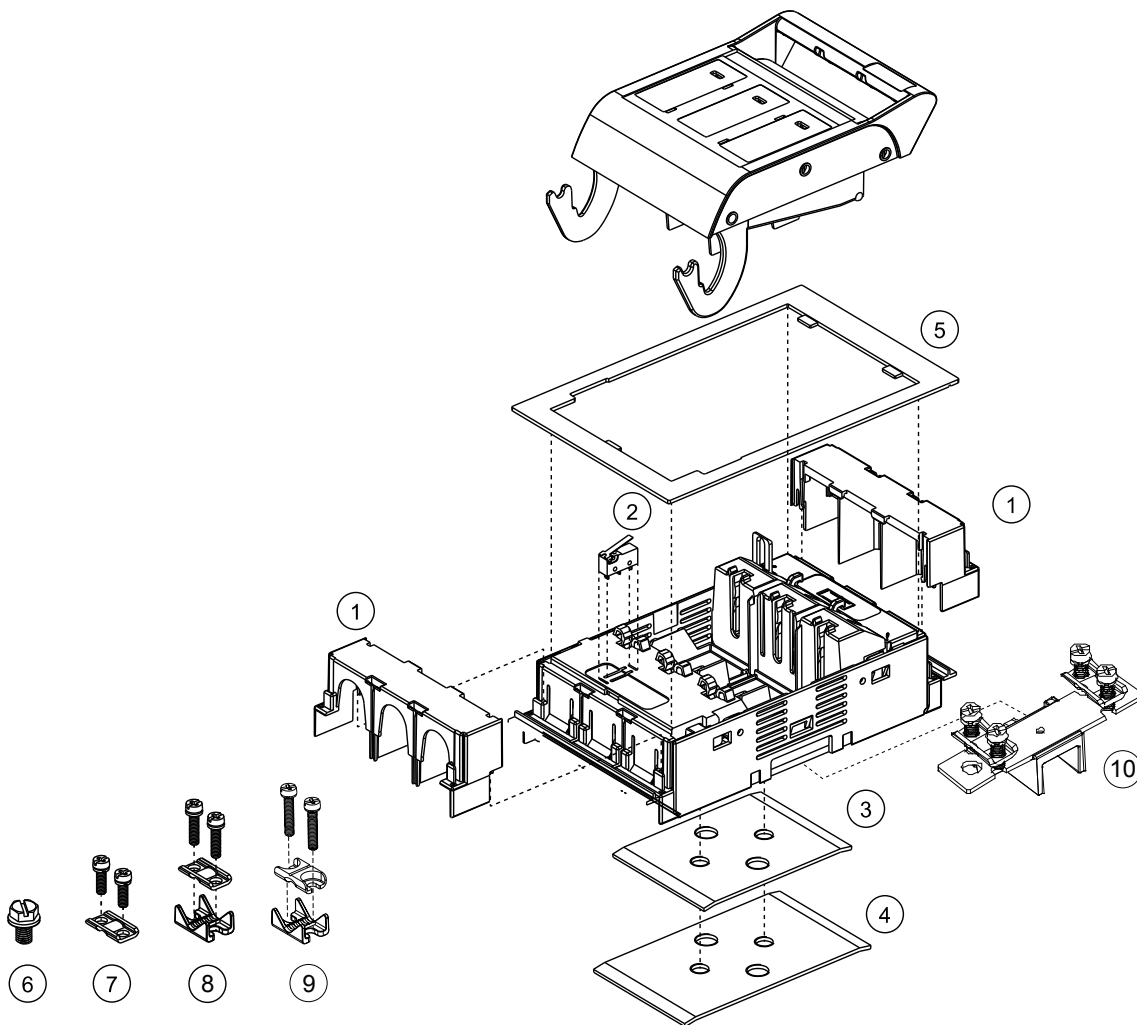
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| 1 | 1.000.149 | Cover for cable termination, single pole | 31 |
| 2 | 1.000.151 | Set for mounting on DIN rails 125mm | 33 |
| 3 | 1.000.152 | Set for mounting on DIN rails 150mm | 33 |
| 4 | MZ00HD | Indicating switch f.switch door position | 33 |
| 5 | 1.000.150 | Locking device f. windows,1 Set=3 pieces | 33 |
| 6 | 1.000.155 | Cover sealing device, installation set | 33 |
| 7 | 00SZS | M8 terminal screw screw,1 Set = 3 pieces | 34 |
| 8 | 00SZESK | Clamp strap 4 - 70mm ² , set = 3 pieces | 34 |
| 9 | 00SZA70 | Al/Cu clamp 1-5 - 70mm ² , set = 3 pieces | 34 |
| 10 | 1.001.857 | Al/Cu clamp 1-5 - 95 mm ² , set = 3 pieces | 34 |
| 11 | 00SZNS | Neutral cond. support with clamp strap | 34 |

subject to alteration



MULTIBLOC® 00.ST9

MULTIBLOC® 00.ST9 NH- fuse switch disconnecter triple pole design for bottom fitting E 1.002.784



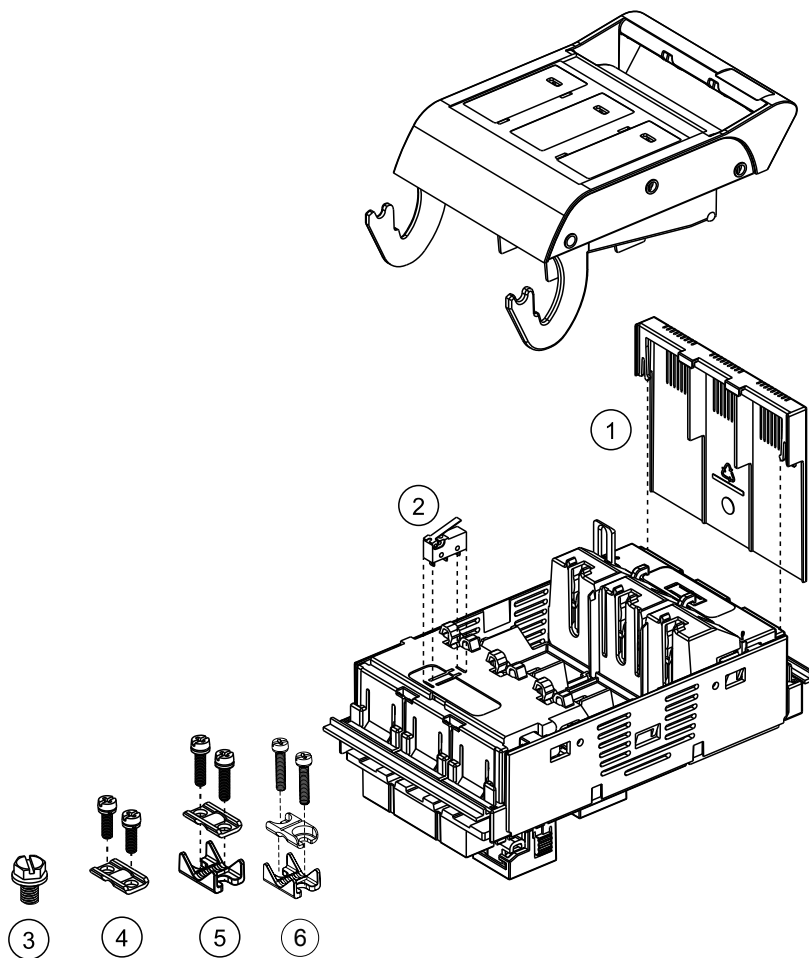
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| 1 | 1.000.148 | Cover for cable termination, triple pole | 31 |
| 2 | 1.000.852 | indicator for switch door position | 33 |
| 3 | 1.000.153 | Set for mounting on DIN rails 125mm | 33 |
| 4 | 1.000.154 | Set for mounting on DIN rails 150mm | 33 |
| 5 | 1.000.126 | Cover shield for one switch | 32 |
| 6 | 00SZS | M8 terminal screw screw, 1 Set = 3 pieces | 34 |
| 7 | 00SZESK | Clamp strap 4 - 70mm ² , set = 3 pieces | 34 |
| 8 | 00SZA70 | Al/Cu clamp 1-5 - 70mm ² , set = 3 pieces | 34 |
| 9 | 1.001.857 | Al/Cu clamp 1-5 - 95 mm ² , set = 3 pieces | 34 |
| 10 | 00SZNS | Neutral cond. support with clamp strap | 34 |

subject to alteration



MULTIBLOC® 00.RST9

MULTIBLOC® 00.RST9 NH- fuse switch disconnecter triple pole design for bus bar installation



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|-----|---------------|---|------|
| 1 | 1.003.325 | bus bar touch protection | 31 |
| 2 | 1.000.852 | indicator for switch door position | 33 |
| 3 | 00SZS | M8 terminal screw screw, 1 Set = 3 pieces | 34 |
| 4 | 00SZESK | Clamp strap 4 - 70mm ² , set = 3 pieces | 34 |
| 5 | 00SZA70 | Al/Cu clamp 1-5 - 70mm ² , set = 3 pieces | 34 |
| 6 | 1.001.857 | Al/Cu clamp 1-5 - 95 mm ² , set = 3 pieces | 34 |

subject to alteration



MULTIBLOC® 00.ST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 00, 160 A, 690 V AC, design for bottom fitting

| | 00.ST8 single pole | 00.ST8 double pole | 00.ST8 quadruple pole |
|--|--|------------------------------------|------------------------------------|
| Installation mode | bottom fitting | bottom fitting | bottom fitting |
| Size | 00 | 00 | 00 |
| Number of poles/phases | 1 | 2 | 4 |
| Conventional free air thermal current with NH-fuse links I_{th} | 160 A | 160 A | 160 A |
| Max. power dissipation of NH-fuse links P_n | 12 W | 12 W | 12 W |
| Conventional free air thermal current with solid links I_{th} | 200 A | 200 A | 200 A |
| Max. power dissipation of solid links P_n | 1,2 W | 1,2 W | 1,2 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 160 A$ $U_e = AC 500 V; I_e = 160 A$ $U_e = AC 690 V; I_e = 125 A$ $U_e = DC 440 V; I_e = 160 A$ | AC 23 B AC 22 B AC 21 B DC 22 B | AC 23 B AC 22 B AC 21 B - | AC 23 B AC 22 B AC 21 B - |
| Rated operational voltage U_e | 690 V | 690 V | 690 V |
| Rated insulation voltage U_i | 1000 V | 1000 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 8 kV | 8 kV | 8 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 6.2 kAsw | 6.2 kAsw | 6.2 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 160 A$ $U_e = AC 500 V; I_e = 160 A$ $U_e = AC 690 V; I_e = 125 A$ | 80 kA 80 kA 50 kA | 80 kA 80 kA 50 kA | 80 kA 80 kA 50 kA |
| Rated short circuit withstand current I_{cw} | 4 kA / 1 s | 4 kA / 1 s | 4 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 2,3 W | 4,6 W | 10,3 W |
| Power dissipation by I_{th} without solid links | 3,3 W | 6,6 W | 13,3 W |
| Cable terminal connection | | | |
| Standard terminal | M 8 | M 8 | M 8 |
| for cable lugs Cu max. | 2 x 70 mm ² | 2 x 70 mm ² | 2 x 70 mm ² |
| for cable lugs Al max. | 2 x 70 mm ² | 2 x 70 mm ² | 2 x 70 mm ² |
| for cable lugs with max. dimensions | 20 x 5 mm | 20 x 5 mm | 20 x 5 mm |

subject to alteration



MULTIBLOC® 00.ST9 / 00.RST9

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 00, 160 A, 690 V AC, design for bottom fitting / design for bus bar installation

| | 00.ST9 triple pole | 00.RST9 triple pole |
|---|------------------------|------------------------|
| Installation mode | bottom fitting | bus bar installation |
| Size | 00 | 00 |
| Number of poles/phases | 3 | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 160 A | 160 A |
| Max. power dissipation of NH-fuse links P_n | 12 W | 12 W |
| Conventional free air thermal current with solid links I_{th} | 200 A | 200 A |
| Max. power dissipation of solid links P_n | 1,2 W | 1,2 W |
| Utilization category to IEC/EN 60947-3 | | |
| $U_e = AC 400 V; I_e = 160 A$ | AC 23 B | AC 23 B |
| $U_e = AC 500 V; I_e = 160 A$ | AC 22 B | AC 22 B |
| $U_e = AC 690 V; I_e = 160 A$ | AC 21 B | AC 21 B |
| $U_e = DC 220 V; I_e = 160 A$ | DC 22 B | DC 22 B |
| $U_e = DC 440 V; I_e = 100 A$ | DC 21 B | DC 21 B |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 1000 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 8 kV | 8 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 30 | IP 30 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 6.2 kAsw | 6.2 kAsw |
| Rated short circuit making capacity with fuse links | | |
| $U_e = AC 400 V; I_e = 160 A$ | 80 kA | 80 kA |
| $U_e = AC 500 V; I_e = 160 A$ | 80 kA | 80 kA |
| $U_e = AC 690 V; I_e = 125 A$ | 80 kA | 80 kA |
| Rated short circuit withstand current I_{cw} | 4 kA / 1 s | 4 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 7 W | 10 W |
| Power dissipation by I_{th} without solid links | 10 W | 16 W |
| Cable terminal connection | | |
| Standard terminal | M 8 | M 8 |
| for cable lugs Cu max. | 2 x 70 mm ² | 2 x 70 mm ² |
| for cable lugs Al max. | 2 x 70 mm ² | 2 x 70 mm ² |
| for cable lugs with max. dimensions | 20 x 5 mm | 20 x 5 mm |
| Bus bar terminal connection | | |
| Bus bar system | - | 40 mm 60 mm |
| Bus bar width (bus bar system = 40 mm) | - | 12 mm |
| Bus bar thickness (bus bar system = 40 mm) | - | 5 ... 10 mm |
| Bus bar width (bus bar system = 60 mm) | - | 12 ... 30 mm |
| Bus bar thickness (bus bar system = 60 mm) | - | 5 ... 10 mm |

subject to alteration



MULTIBLOC® 00.ST8

Dimensions

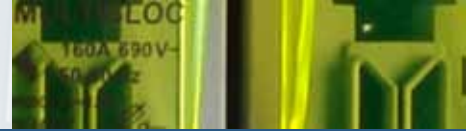
MULTIBLOC® 00.ST8 NH-fuse switch disconnecter single pole M 01115

Dimensional drawing on request:
office@mschneider.at
drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.

MULTIBLOC® size 00

24



MULTIBLOC® 00.ST8

Dimensions

MULTIBLOC® 00.ST8 NH-fuse switch disconnecter double pole

M 01124

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

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MULTIBLOC®



status 8/2010



MULTIBLOC® 00.ST8

Dimensions

MULTIBLOC® 00.ST8 NH-fuse switch disconnecter quadruple pole **M 01120**

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 00.ST9

Dimensions

MULTIBLOC® 00.ST9 NH-fuse switch disconnecter triple pole design for bottom fitting

M 01169

Dimensional drawing on request:

office@mschneider.at

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MULTIBLOC® 00.RST9

Dimensions

MULTIBLOC® 00.RST9 NH-fuse switch disconnecter triple pole design for bus bar installation M 01170

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 00.ST9 / 00.RST9

Dimensions

MULTIBLOC® 00.ST9 and 00.RST9 triple pole with electronic fuse monitoring ESÜ

M 01172

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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MULTIBLOC® 00.ST9 / 00.RST9

Dimensions

MULTIBLOC® 00.ST9 and 00.RST9 triple pole with electro-mechanic fuse monitoring MZS M 01135c-00

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

MULTIBLOC® size 00

30



MULTIBLOC® size 00

Dimensions

Cable termination size 00

MA 120c

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

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MULTIBLOC®



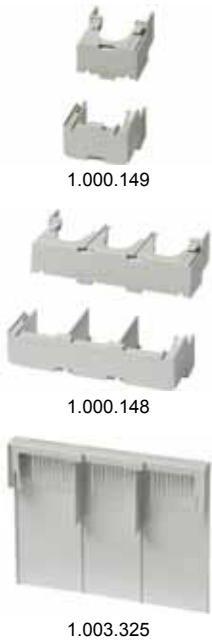
status 8/2010



MULTIBLOC® size 00

Accessories

NH-fuse switch disconnect, size 00, 160 A



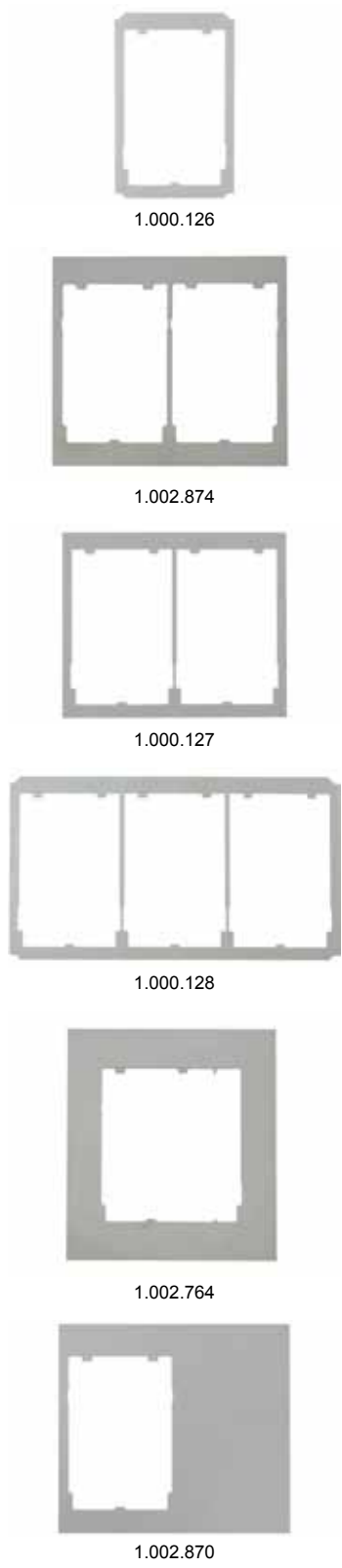
| Cover shrouds for cable termination | | MULTIBLOC® size 00 | |
|-------------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.149 | cover for cable terminal connection for 00.ST8 single pole, 1 set = 2 pieces | 0,02 | 1 set |
| 1.000.148 | cover for cable terminal connection for 00.ST9 triple pole, 1 set = 2 pieces | 0,04 | 1 set |
| 1.003.325 | bus bar touch protection for 00.RST9 | 0,02 | 1 piece |



MULTIBLOC® size 00

Accessories

NH-fuse switch disconnecter, size 00, 160 A



| Cover shields | | MULTIBLOC® size 00 | |
|----------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.126 | cover shield for installation in distribution units size (width x height): 123 x 190 mm for one 00.ST9/00.RST9 | 0,02 | 1 piece |
| 1.002.874 | cover shield for installation in distribution units size (width x height): 231 x 210 mm for two 00.ST9/00.RST9 | 0,05 | 1 piece |
| 1.000.127 | cover shield for installation in distribution units size (width x height): 231 x 190 mm for two 00.ST9/00.RST9 | 0,05 | 1 piece |
| 1.000.128 | cover shield for installation in distribution units size (width x height): 339 x 190 mm for three 00.ST9/00.RST9 | 0,07 | 1 piece |
| 1.002.764 | cover shield for installation in distribution units size (width x height): 220 x 240 mm for one 00.ST8 quadruple pole | 0,09 | 1 piece |
| 1.002.870 | cover shield for installation in distribution units size (width x height) 231 x 210 mm for one 00.ST9/00.RST9 + lateral spare way cover right side | 0,09 | 1 piece |

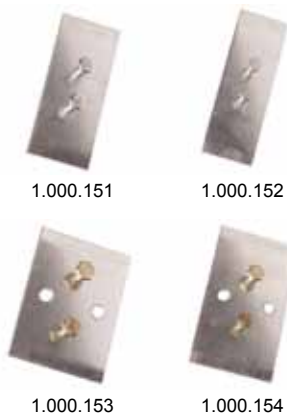
subject to alteration



MULTIBLOC® size 00

Accessories

NH-fuse switch disconnecter, size 00, 160 A



| Installation devices | | MULTIBLOC® size 00 | |
|----------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.151 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 125 mm for 00.ST8 single pole | 0,08 | 1 piece |
| 1.000.152 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 150 mm for 00.ST8 single pole | 0,10 | 1 piece |
| 1.000.153 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 125 mm for 00.ST9 triple pole | 0,14 | 1 piece |
| 1.000.154 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 150 mm for 00.ST9 triple pole | 0,16 | 1 piece |



| Indication facilities | | MULTIBLOC® size 00 | |
|-----------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.852 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 0.00 | 1 piece |
| MZ00HD | indicator for switch door position micro switch 1 „a“ contact/ 1 „b“ contact, 5 A, 250 V for MULTIBLOC 00.ST8 1-, 2-, 4-pole | 0,009 | 1 piece |
| 1.000.157 | indicator for switch door position micro switch 1 „a“ contact/ 1 „b“ contact, 5 A, 250 V for MULTIBLOC 00.RST9 for 40 mm bus bar system | 0,01 | 1 piece |



| Locking and sealing devices/locking device for window | | MULTIBLOC® 00.ST8 | |
|---|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.150 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 0,01 | 1 set |



| Locking and sealing devices/cover sealing device | | MULTIBLOC® 00.ST8 | |
|--|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.155 | cover sealing device - installation set for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 0,01 | 1 piece |

subject to alteration



MULTIBLOC® size 00

Accessories

NH-fuse switch disconnecter, size 00, 160 A



00SZS



00SZESK



00SZA70



1.001.857



00SZSV6

| Varieties of cable termination | | MULTIBLOC® size 00 | |
|--------------------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 00SZS | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 0,03 | 1 set |
| 00SZESK | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 0,04 | 1 set |
| 00SZA70 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 0,08 | 1 set |
| 1.001.857 | Al/Cu clamp 1,5 - 95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 0,10 | 1 set |
| 00SZSV6 | V-shaped lug size 00, M8, for V-terminal clamp size 00 for switch gear size 00 with screw terminal supplementary set for V-terminal with V-terminal clamps 1 set = 3 pieces | 0,13 | 1 set |



1.000.885



1.000.886



1.000.887

| Insulated bus bars | | MULTIBLOC® 00.ST9 | |
|--------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.885 | insulated bus bar for two MULTIBLOC® 00.ST9 35 mm ² | 0,28 | 1 piece |
| 1.000.886 | insulated bus bar for three MULTIBLOC® 00.ST9 35 mm ² | 0,45 | 1 piece |
| 1.000.887 | insulated bus bar for five MULTIBLOC® 00.ST9 35 mm ² | 0,82 | 1 piece |



00SZNS

| Neutral conductor | | MULTIBLOC® size 00 | |
|-------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 00SZNS | neutral conductor support for lateral installation either left or right side of MULTIBLOC size 00 cable termination clamp strap Cu 4-70 mm ² round stranded/round solid | 0,07 | 1 piece |

subject to alteration

MULTIBLOC® 1.ST8

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 1 in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Modular system of cover - cover for cable termination area can be extended as required
- ◆ Varieties of cable termination: screw, bolt, clamp strap, extendable for V-terminal - optional
- ◆ Padlocking and sealing of switch door cover - optional
- ◆ Indicating switch for switch door position - optional
- ◆ Installation on to DIN rails in accordance with EN 60 715 - optional
- ◆ Installation on to 100 mm bus bar system with adapter



1.000.388 1.001.818

| MULTIBLOC® 1.ST8 | | size 1 | 250 A, 690 V AC | bottom fitting, single pole | | |
|------------------|-------|------------------------------|-----------------|--|-------------------------|---------|
| article-number | poles | cable termination components | | design | weight kg ¹⁾ | package |
| 1.000.388 | 1 | 2 M10 terminal screws | | - | 1,00 | 1 piece |
| 1.001.818 | 1 | 2 M10 terminal screws | | for direct installation on to bus bars with M10 screws | 0,91 | 1 piece |



1.000.397

| MULTIBLOC® 1.ST8 | | size 1 | 250 A, 690 V AC | bottom fitting, double pole | | |
|------------------|-------|------------------------------|-----------------|-----------------------------|---------|--|
| article-number | poles | cable termination components | | weight kg ¹⁾ | package | |
| 1.000.397 | 2 | 4 M10 terminal screws | | 2,06 | 1 piece | |

subject to alteration



MULTIBLOC® 1.ST8

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bottom fitting



1.000.299



1.002.711



1.000.831

| MULTIBLOC® 1.ST8 | | size 1 | 250 A, 690 V AC | bottom fitting, triple pole | |
|------------------|-------|--|--|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.299 | 3 | 6 M10 terminal screws | - | 2,42 | 1 piece |
| 1.001.239 | 3 | 3 clamp straps 70–150 mm ² 3 M10 terminal screws | - | 2,42 | 1 piece |
| 1.002.562 | 3 | 6 clamp straps 70-150 mm ² | - | 2,42 | 1 piece |
| 1.002.711 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed | 2,64 | 1 piece |
| 1.000.831 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 3,13 | 1 piece |



1.000.405



1.002.378

| MULTIBLOC® 1.ST8 | | size 1 | 250 A, 690 V AC | bottom fitting, quadruple pole | |
|------------------|-------|------------------------------|---|--------------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.405 | 4 | 8 M10 terminal screws | - | 3,40 | 1 piece |
| 1.002.378 | 4 | 8 M10 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 3,55 | 1 piece |

subject to alteration

MULTIBLOC® 1.RST8

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bus bar installation

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 1 in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Padlocking and sealing of switch door cover - optional
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Indicating switch for switch door position - optional
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Cover for touch protection for direct installation on to bus bar systems - optional
- ◆ Varieties of cable termination: screw, bolt, clamp strap, extendable for V-terminal - optional
- ◆ Direct installation on to bus bar (snap on)
- ◆ Switch can still be adjusted after being snapped on to bus bars and fixed after adjustment
- ◆ Universally useable for bus bars with thickness of 5 and 10 mm and widths of 12–30 mm
- ◆ For 40 and 60 mm bus bar systems
- ◆ Symmetrical switch - suitable for bottom/top cable terminal connections



1.000.323



1.003.134



1.000.855



1.000.936

| MULTIBLOC® 1.RST8 | | size 1 | 250 A, 690 V AC | bus bar installation, triple pole | | |
|-------------------|-------|---------------------------------------|--|-----------------------------------|---------|--|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package | |
| 1.000.323 | 3 | 3 M10 terminal screws | - | 3,09 | 1 piece | |
| 1.001.294 | 3 | 3 clamp straps 70–150 mm ² | - | 3,06 | 1 piece | |
| 1.003.134 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed | 3,14 | 1 piece | |
| 1.000.855 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 3,80 | 1 piece | |
| 1.000.936 | 3 | 6 M10 terminal screws | main incomer | 4,68 | 1 piece | |

subject to alteration



MULTIBLOC® 1.ST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bottom fitting

| | 1.ST8 single pole | 1.ST8 double pole | 1.ST8 triple pole | 1.ST8 quadruple pole |
|--|--|--|--|--|
| Installation mode | bottom fitting | bottom fitting | bottom fitting | bottom fitting |
| Size | 1 | 1 | 1 | 1 |
| Number of poles/phases | 1 | 2 | 3 | 4 |
| Conventional free air thermal current with NH-fuse links I_{th} | 250 A | 250 A | 250 A | 250 A |
| Max. power dissipation of NH-fuse links P_n | 23 W | 23 W | 23 W | 23 W |
| Conventional free air thermal current with solid links I_{th} | 400 A | 400 A | 400 A | 400 A |
| Max. power dissipation of solid links P_n | 2,6 W | 2,6 W | 2,6 W | 2,6 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 250 A$ $U_e = AC 500 V; I_e = 250 A$ $U_e = AC 690 V; I_e = 200 A$ $U_e = DC 220 V; I_e = 250 A$ | AC 23 B AC 22 B AC 21 B DC 22 B | AC 23 B AC 22 B AC 21 B DC 22 B | AC 23 B AC 22 B AC 21 B DC 22 B | AC 23 B AC 22 B AC 21 B DC 22 B |
| Rated operational voltage U_e | 690 V | 690 V | 690 V | 690 V |
| Rated insulation voltage U_i | 1000 V | 1000 V | 1000 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12 kV | 12 kV | 12 kV | 12 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 8.2 kAsw | 8.2 kAsw | 8.2 kAsw | 8.2 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 250 A$ $U_e = AC 500 V; I_e = 250 A$ $U_e = AC 690 V; I_e = 200 A$ | 80 kA 80 kA 80 kA | 80 kA 80 kA 80 kA | 80 kA 50 kA 50 kA | 80 kA 50 kA 50 kA |
| Rated short circuit withstand current I_{cw} | 8 kA / 1 s | 8 kA / 1 s | 8 kA / 1 s | 8 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 3,5 W | 7 W | 10 W | 14 W |
| Power dissipation by I_{th} without solid links | 8 W | 16 W | 24 W | 32 W |
| Cable terminal connection | | | | |
| Standard terminal | M 10 | M 10 | M 10 | M 10 |
| for cable lugs Cu max. | 2 x 150 mm ² | 2 x 150 mm ² | 2 x 150 mm ² | 2 x 150 mm ² |
| for cable lugs Al max. | 2 x 185 mm ² | 2 x 185 mm ² | 2 x 185 mm ² | 2 x 185 mm ² |
| for cable lugs with max. dimensions | 30 x 10 mm | 30 x 10 mm | 30 x 10 mm | 30 x 10 mm |

subject to alteration

MULTIBLOC® 1.RST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bus bar installation

| | 1.RST8 triple pole |
|--|--|
| Installation mode | bus bar installation |
| Size | 1 |
| Number of poles/phases | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 250 A |
| Max. power dissipation of NH-fuse links P_n | 23 W |
| Conventional free air thermal current with solid links I_{th} | 400 A |
| Max. power dissipation of solid links P_n | 2,6 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 250 A$ $U_e = AC 500 V; I_e = 250 A$ $U_e = AC 690 V; I_e = 200 A$ $U_e = DC 220 V; I_e = 250 A$ | AC 23 B AC 22 B AC 21 B DC 22 B |
| Rated operational voltage U_e | 690 V |
| Rated insulation voltage U_i | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12 kV |
| Rated frequency | 50 ... 60 Hz |
| Degree of protection | IP 20 |
| Degree of pollution | 3 |
| Rated duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 8.2 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 250 A$ $U_e = AC 500 V; I_e = 250 A$ $U_e = AC 690 V; I_e = 200 A$ | 80 kA 50 kA 50 kA |
| Rated short circuit withstand current I_{cw} | 8 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 28 W |
| Cable terminal connection | |
| Standard terminal | M 10 |
| for cable lugs Cu max. | 2 x 150 mm ² |
| for cable lugs Al max. | 2 x 185 mm ² |
| for cable lugs with max. dimensions | 30 x 10 mm |
| Bus bar terminal connection | |
| Bus bar system | 40 mm 60 mm |
| Bus bar width (bus bar system = 40 mm) | 5 ... 10 mm |
| Bus bar thickness (bus bar system = 40 mm) | 12 mm |
| Bus bar width (bus bar system = 60 mm) | 5 ... 10 mm |
| Bus bar thickness (bus bar system = 60 mm) | 12 ... 30 mm |

subject to alteration

MULTIBLOC® size 1

40



MULTIBLOC® 1.ST8

Dimensions

MULTIBLOC® 1.ST8 NH-fuse switch disconnector single pole

M01126

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 1.ST8

Dimensions

MULTIBLOC® 1.ST8 NH-fuse switch disconnecter double pole design for bottom fitting M01127

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drawing no. (M) see top banner right side

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MULTIBLOC® 1.ST8

Dimensions

MULTIBLOC® 1.ST8 NH-fuse switch disconnector triple pole design for bottom fitting

M01121a

Dimensional drawing on request:

office@mschneider.at

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MULTIBLOC® 1.ST8

Dimensions

MULTIBLOC® 1.ST8 NH-fuse switch disconnecter quadruple pole design for bottom fitting M01128

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MULTIBLOC® 1.RST8

Dimensions

MULTIBLOC® 1.RST8 NH-fuse switch disconnector triple pole design for bus bar installation

M01123a

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 1.RST8

Dimensions

MULTIBLOC® main incomer size 1

M01167-1

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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MULTIBLOC® 1.ST8 / 1.RST8

Dimensions

MULTIBLOC® 1.ST8 and 1.RST8 triple pole with electronic fuse monitoring ESÜ

M01174-1

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 1.ST8 / 1.RST8

Dimensions

MULTIBLOC® 1.ST8 and 1.RST8 triple pole with electro-mechanic fuse monitoring MZS M01135-1

Dimensional drawing on request:
office@mschneider.at
drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.

MULTIBLOC® size 1

48



MULTIBLOC® size 1

Dimensions

MULTIBLOC® bus bar adapter with clamp terminal for 1.5T8

M01151a-1

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subject to alteration

MULTIBLOC®



status 8/2010



MULTIBLOC® size 1

Dimensions

Cable termination size 1

MA 98e-1

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

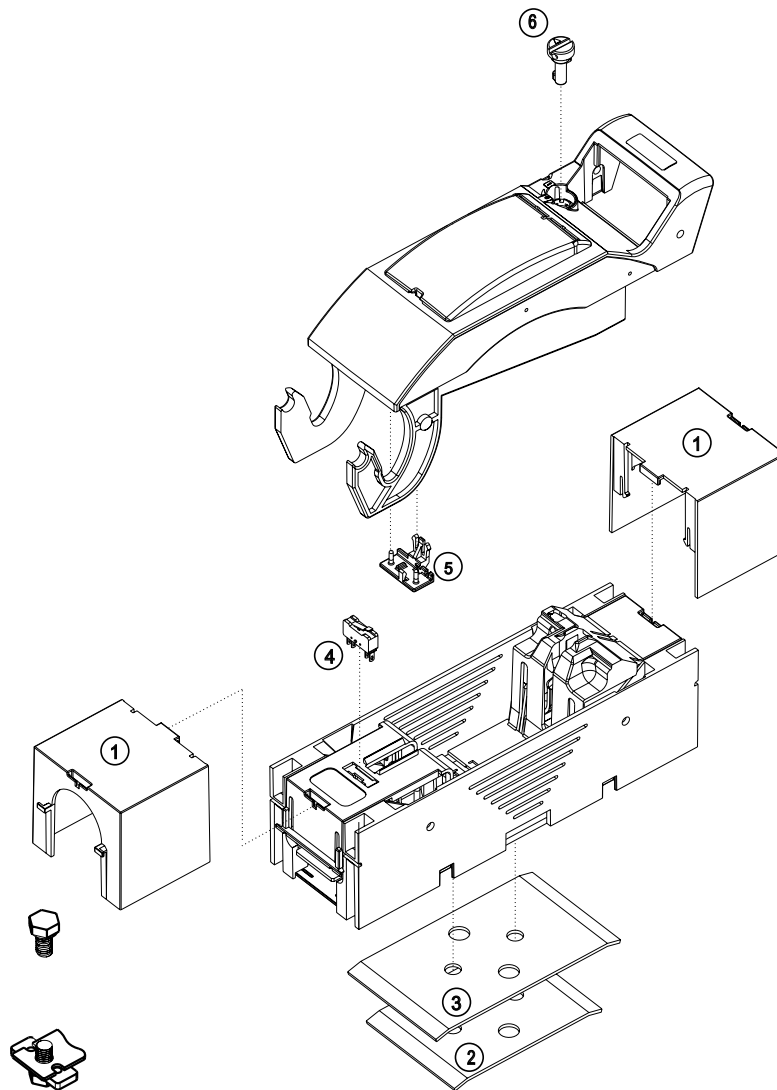
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MULTIBLOC® 1.ST8

MULTIBLOC® 1.ST8 NH- fuse switch disconnecter single pole

E 1.000.411



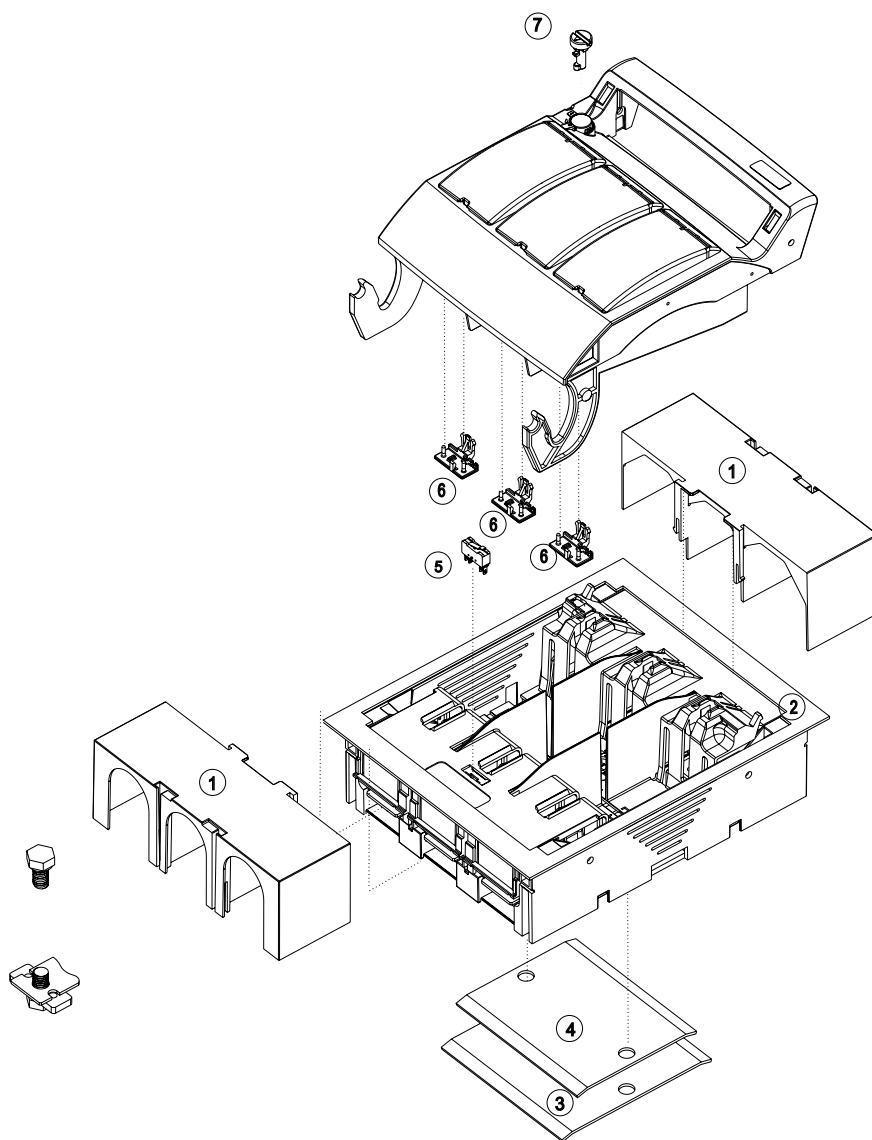
| no. | articlenumber | short description | page |
|-----|---------------|--|------|
| 1 | 1.000.354 | Cover for cable termination single pole | 53 |
| 2 | 1.000.402 | Set for mounting on DIN rails 125mm | 54 |
| 3 | 1.000.403 | Set for mounting on DIN rails 150mm | 54 |
| 4 | 1.000.852 | indicator for switch door position | 33 |
| 5 | 1.000.150 | Locking device f. windows,1 Set=3 pieces | 33 |
| 6 | 1.000.155 | Cover sealing device, installation set | 33 |

subject to alteration

MULTIBLOC® 1.ST8

MULTIBLOC® 1.ST8 NH- fuse switch disconnecter triple pole design for bottom fitting

E 1.000.347



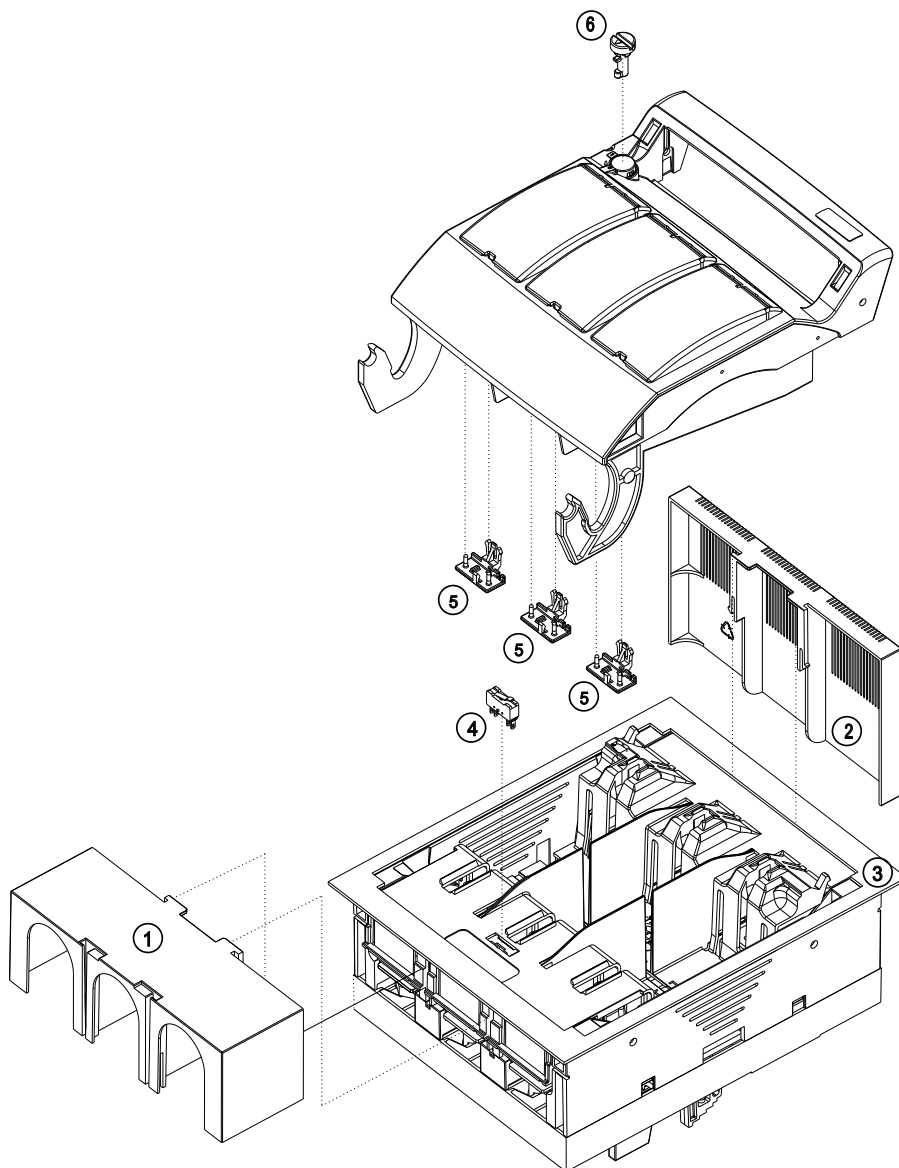
| no. | articlenumber | short description | page |
|-----|---------------|---|------|
| 1 | 1.000.382 | Cover for cable termination triple pole | 53 |
| 2 | 1.000.353 | Cover shield, 210 x 260 mm | 54 |
| 3 | 1.000.384 | Set for mounting on DIN rails 125mm, | 54 |
| 4 | 1.000.383 | Set for mounting on DIN rails 150mm | 54 |
| 5 | 1.000.852 | indicator for switch door position | 33 |
| 6 | 1.000.150 | Locking device f. windows, 1 Set=3 pieces | 33 |
| 7 | 1.000.155 | Cover sealing device, installation set | 33 |

subject to alteration



MULTIBLOC® 1.RST8

MULTIBLOC® 1.RST8 NH- fuse switch disconnecter triple pole design for bus bar installation



| no. | articlenumber | short description | page |
|-----|---------------|--|------|
| 1 | 1.000.382 | Cover for cable termination triple pole | 53 |
| 2 | 1.003.329 | bus bar touch protection | 53 |
| 3 | 1.000.353 | Cover shield, 210 x 260 mm | 54 |
| 4 | 1.000.852 | indicator for switch door position | 33 |
| 5 | 1.000.150 | Locking device f. windows,1 Set=3 pieces | 33 |
| 6 | 1.000.155 | Cover sealing device, installation set | 33 |

subject to alteration

MULTIBLOC® size 1

Accessories

NH-fuse switch disconnecter, size 1, 250 A



1.000.354



1.000.382



1.003.402



1.002.592



1.003.329

| Cover shrouds for cable termination | | MULTIBLOC® size 1 | |
|-------------------------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.354 | cover for cable terminal connection for 1.ST8 single pole, 1 set = 2 pieces | 0,09 | 1 set |
| 1.000.382 | cover for cable terminal connection for 1.ST8 triple pole, 1 set = 2 pieces | 0,25 | 1 set |
| 1.003.402 | cover for cable terminal connection for 1.ST8 quadruple pole | 0,12 | 1 piece |
| 1.002.592 | bus bar touch protection for bus bar adapter size 1, 1 set = 2 pieces | 0,32 | 1 set |
| 1.003.329 | bus bar touch protection for 1.RST8 | 0,06 | 1 piece |

subject to alteration

status 8/2010



MULTIBLOC® size 1

NH-fuse switch disconnecter, size 1, 250 A

Accessories



1.000.353



1.002.351



1.000.383



1.000.384



1.000.402



1.000.403



1.000.852



1.000.150

| Cover shields | | MULTIBLOC® size 1 | |
|----------------|--|--------------------------|---------|
| article-number | design | weight kg ⁽¹⁾ | package |
| 1.000.353 | cover shield for installation in distribution units size (width x height): 210 x 260 mm for one 1.ST8/1.RST8 triple pole | 0,07 | 1 piece |
| 1.002.351 | cover shield for installation in distribution units size (width x height): 230 x 283 mm for one 1.ST8/1.RST8 triple pole | 0,09 | 1 piece |

| Installation devices | | MULTIBLOC® 1.ST8 | |
|----------------------|--|--------------------------|---------|
| article-number | design | weight kg ⁽¹⁾ | package |
| 1.000.383 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 150 mm for 1.ST8 triple pole | 0,28 | 1 piece |
| 1.000.384 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 125 mm for 1.ST8 triple pole | 0,24 | 1 piece |
| 1.000.402 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 125 mm for 1.ST8 single pole | 0,16 | 1 piece |
| 1.000.403 | adapter for installation on to DIN-rails in accordance with EN 60 715 - 150 mm for 1.ST8 single pole | 0,19 | 1 piece |

| Indication facilities | | MULTIBLOC® size 1 | |
|-----------------------|---|--------------------------|---------|
| article-number | design | weight kg ⁽¹⁾ | package |
| 1.000.852 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 0.00 | 1 piece |

| Locking and sealing devices/locking device for window | | MULTIBLOC® size 1 | |
|---|--|--------------------------|---------|
| article-number | design | weight kg ⁽¹⁾ | package |
| 1.000.150 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 0,01 | 1 set |

subject to alteration

MULTIBLOC® size 1

Accessories

NH-fuse switch disconnecter, size 1, 250 A



1.000.155

| Locking and sealing devices/cover sealing device | | MULTIBLOC® size 1 | |
|--|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.155 | cover sealing device - installation set for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 0,01 | 1 piece |



1.000.420



1.001.830

| Varieties of cable termination | | MULTIBLOC® size 1 | |
|--------------------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.420 | clamp strap 70–150 mm ² für 1.ST8 1- 4-pole + 1.RST8, 1 set = 3 pieces | 0,10 | 1 set |
| 1.001.830 | V-shaped lug size 1, M8, for V-terminal clamp size 1 for 1.ST8 1- to 4-pole + 1.RST8, supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 0,09 | 1 set |



1.002.501

| Adapter für installtion on to bus bars with clamp terminal | | MULTIBLOC® 1.ST8 | |
|--|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.002.501 | bus bar adapter size 1 with clamp terminal for MULTIBLOC 1.ST8 triple pole for bus bar system 100 mm | 1,23 | 1 piece |

subject to alteration

status 8/2010



MULTIBLOC® 2.ST8

NH-fuse switch disconnecter, size 2, 400 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

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

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Modular system of cover - cover for cable termination area can be extended as required
- ◆ Varieties of cable termination: screw, bolt, clamp strap, extendable for V-terminal - optional
- ◆ Indicating switch for switch door position - optional
- ◆ Installation on to 100 mm bus bar system with adapter



1.000.504



1.002.712



1.000.832

| MULTIBLOC® 2.ST8 | | size 2 | 400 A, 690 V AC | bottom fitting, triple pole | |
|------------------|-------|---|--|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.504 | 3 | 6 M10 terminal screws | - | 3,50 | 1 piece |
| 1.001.240 | 3 | 3 clamp straps 120–240 mm ² 3 M10 terminal screws | - | 3,50 | 1 piece |
| 1.002.563 | 3 | 6 clamp straps 120–240 mm ² | - | 3,50 | 1 piece |
| 1.002.712 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed | 3,60 | 1 piece |
| 1.000.832 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 4,25 | 1 piece |



1.001.688



1.002.379

| MULTIBLOC® 2.ST8 | | size 2 | 400 A, 690 V AC | bottom fitting, quadruple pole | |
|------------------|-------|------------------------------|---|--------------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.001.688 | 4 | 8 M10 terminal screws | - | 5,04 | 1 piece |
| 1.002.379 | 4 | 8 M10 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 5,26 | 1 piece |

subject to alteration

MULTIBLOC® 2.RST8

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bus bar installation

in accordance with IEC/EN 60 947-3.

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

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Direct installation on to bus bar (snap on)
- ◆ Switch can still be adjusted after being snapped on to bus bars and fixed after adjustment
- ◆ For 40 and 60 mm bus bar systems
- ◆ Universally useable for bus bars with thickness of 5 - 10 mm and widths of 12–30 mm
- ◆ Symmetrical switch - suitable for bottom/top cable terminal connections
- ◆ Varieties of cable termination: screw, bolt, clamp strap, extendable for V-terminal - optional
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Cover for touch protection for direct installation on to bus bar systems - optional



1.000.704



1.003.135



1.000.856



1.001.028

| MULTIBLOC® 2.RST8 | | size 2 | 400 A, 690 V AC | bus bar installation, triple pole | |
|-------------------|-------|--|--|-----------------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.704 | 3 | 3 M10 terminal screws | - | 4,77 | 1 piece |
| 1.001.295 | 3 | 3 clamp straps 120–240 mm ² | - | 4,61 | 1 piece |
| 1.003.135 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed | 4,60 | 1 piece |
| 1.000.856 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 5,28 | 1 piece |
| 1.001.028 | 3 | 6 M10 terminal screws | main incomer | 5,74 | 1 piece |

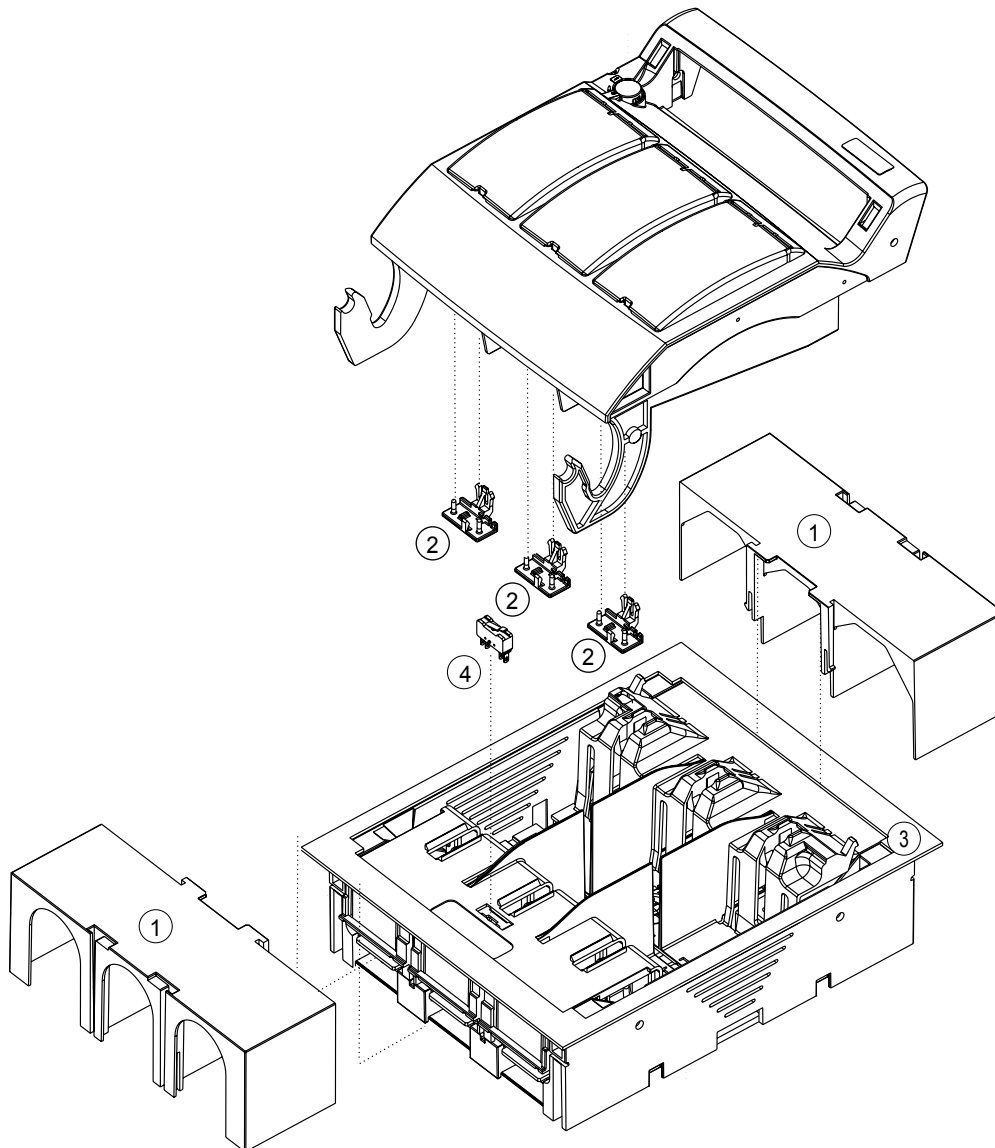
subject to alteration



MULTIBLOC® 2.ST8

MULTIBLOC® 2.ST8 NH- fuse switch disconnecter triple pole design for bottom fitting

E 1.000.595



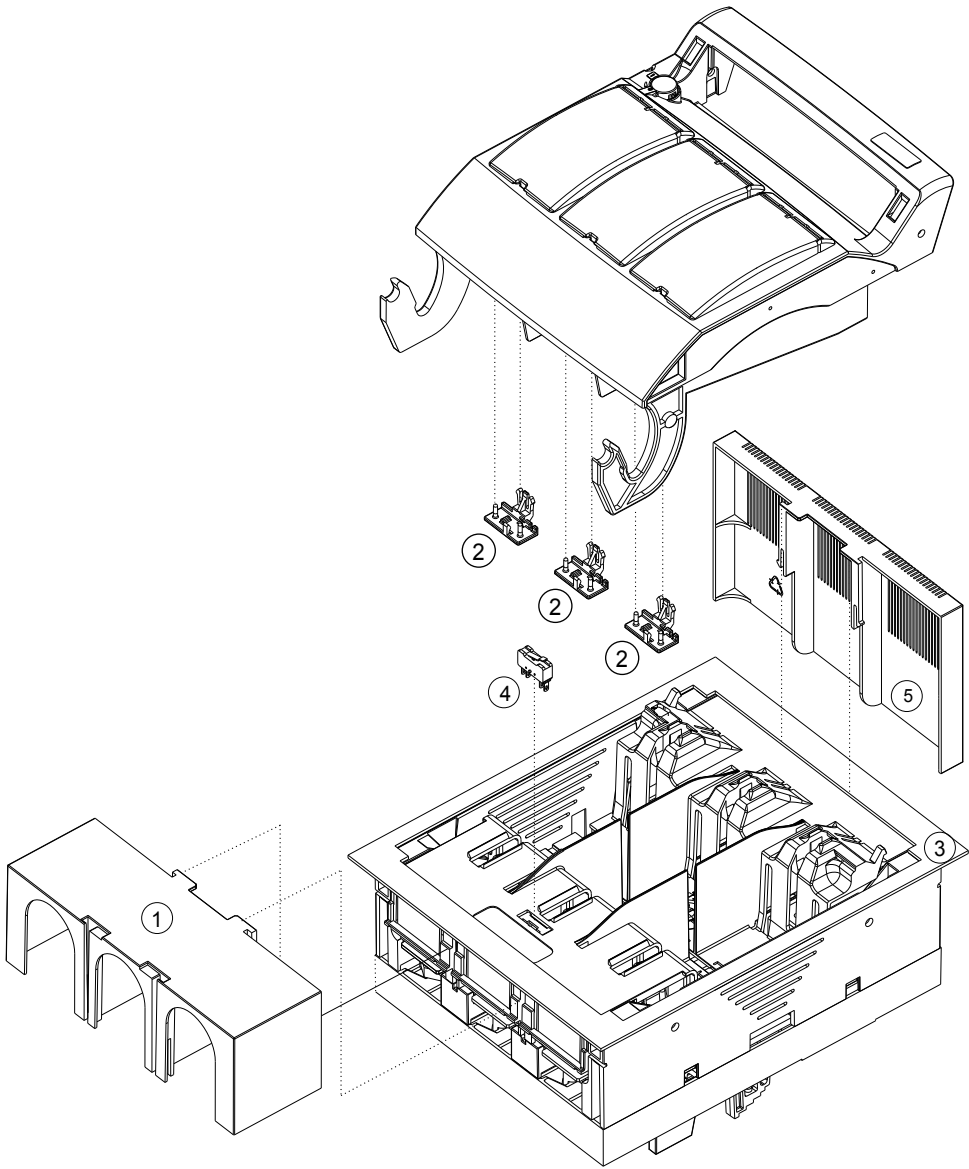
| no. | articlenumber | short description | page |
|-----|---------------|---|------|
| 1 | 1.000.861 | Cover for cable termination, set = 2 pcs. | 70 |
| 2 | 1.000.150 | Locking device f. windows, 1 Set=3 pieces | 33 |
| 3 | 1.000.863 | Cover shield 230 x 300 mm | 71 |
| 4 | 1.000.852 | indicator for switch door position | 33 |

subject to alteration



MULTIBLOC® 2.RST8

MULTIBLOC® 2.RST8 NH- fuse switch disconnecter triple pole design for bus bar installation E 1.000.605



| no. | articlenumber | short description | page |
|-----|---------------|--|------|
| 1 | 1.000.861 | Cover for cable termination,set = 2 pcs. | 70 |
| 2 | 1.000.150 | Locking device f. windows,1 Set=3 pieces | 33 |
| 3 | 1.000.863 | Cover shield 230 x 300 mm | 71 |
| 4 | 1.000.852 | indicator for switch door position | 33 |
| 5 | 1.003.347 | bus bar touch protection | 70 |

subject to alteration



MULTIBLOC® 2.ST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 2, 400 A, 690 V AC, design for bottom fitting

| | 2.ST8 triple pole | 2.ST8 quadruple pole |
|--|--|--|
| Installation mode | bottom fitting | bottom fitting |
| Size | 2 | 2 |
| Number of poles/phases | 3 | 4 |
| Conventional free air thermal current with NH-fuse links I_{th} | 400 A | 400 A |
| Max. power dissipation of NH-fuse links P_n | 34 W | 34 W |
| Conventional free air thermal current with solid links I_{th} | 630 A | 630 A |
| Max. power dissipation of solid links P_n | 9 W | 9 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 400 A$ $U_e = AC 500 V; I_e = 400 A$ $U_e = AC 690 V; I_e = 315 A$ $U_e = DC 440 V; I_e = 400 A$ | AC 23 B AC 22 B AC 21 B DC 21 B | AC 23 B AC 22 B AC 21 B DC 21 B |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 1000 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12 kV | 12 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 10.6 kAsw | 10.6 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 400 A$ $U_e = AC 500 V; I_e = 400 A$ $U_e = AC 690 V; I_e = 315 A$ | 80 kA 80 kA 80 kA | 80 kA 80 kA 80 kA |
| Rated short circuit withstand current I_{cw} | 13 kA / 1 s | 13 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 20 W | 27 W |
| Power dissipation by I_{th} without solid links | 50 W | 67 W |
| Cable terminal connection | | |
| Standard terminal | M 10 | M 10 |
| for cable lugs Cu max. | 2 x 185 mm ² | 2 x 185 mm ² |
| for cable lugs Al max. | 2 x 240 mm ² | 2 x 240 mm ² |
| for cable lugs with max. dimensions | 35 x 10 mm | 35 x 10 mm |

subject to alteration

MULTIBLOC® 2.RST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 1, 250 A, 690 V AC, design for bus bar installation

| | 2.RST8 triple pole |
|--|--|
| Installation mode | bus bar installation |
| Size | 2 |
| Number of poles/phases | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 400 A |
| Max. power dissipation of NH-fuse links P_n | 34 W |
| Conventional free air thermal current with solid links I_{th} | 530 A |
| Max. power dissipation of solid links P_n | 9 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 400 A$ $U_e = AC 500 V; I_e = 400 A$ $U_e = AC 690 V; I_e = 315 A$ $U_e = DC 440 V; I_e = 400 A$ | AC 23 B AC 22 B AC 21 B DC 21 B |
| Rated operational voltage U_e | 690 V |
| Rated insulation voltage U_i | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12 kV |
| Rated frequency | 50 ... 60 Hz |
| Degree of protection | IP 20 |
| Degree of pollution | 3 |
| Rated duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 13 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 400 A$ $U_e = AC 500 V; I_e = 400 A$ $U_e = AC 690 V; I_e = 315 A$ | 80 kA 80 kA 80 kA |
| Rated short circuit withstand current I_{cw} | 13 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 53 W |
| Cable terminal connection | |
| Standard terminal | M 10 |
| for cable lugs Cu max. | 2 x 185 mm ² |
| for cable lugs Al max. | 2 x 240 mm ² |
| for cable lugs with max. dimensions | 35 x 10 mm |
| Bus bar terminal connection | |
| Bus bar system | 40 mm 60 mm |
| Bus bar width (bus bar system = 40 mm) | 5 ... 10 mm |
| Bus bar thickness (bus bar system = 40 mm) | 12 mm |
| Bus bar width (bus bar system = 60 mm) | 5 ... 10 mm |
| Bus bar thickness (bus bar system = 60 mm) | 12 mm |

subject to alteration



MULTIBLOC® 2.ST8

Dimensions

MULTIBLOC® 2.ST8 NH-fuse switch disconnecter triple pole design for bottom fitting

M01131

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 2.ST8

Dimensions

MULTIBLOC® 2.ST8 NH-fuse switch disconnecter quadruple pole design for bottom fitting M01157-2

Dimensional drawing on request:
office@mschneider.at
drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 2.ST8

Dimensions

MULTIBLOC® 2.RST8 NH-fuse switch disconnecter triple pole design for bus bar installation

M01132a

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 2.RST8

Dimensions

MULTIBLOC® main incomer size 2

M01167-2

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® 2.RST8

Dimensions

MULTIBLOC® 2.ST8 and 2.RST8 triple pole with electronic fuse monitoring ESÜ

M01174-2

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 2.ST8 / 2.RST8

Dimensions

MULTIBLOC® 2.ST8 and 2.RST8 triple pole with electro-mechanic fuse monitoring MZS M01135-2

Dimensional drawing on request:
office@mschneider.at
drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 2.ST8 / 2.RST8

Dimensions

MULTIBLOC® bus bar adapter with clamp terminal for 2.ST8

M01151a-2

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® size 2

Dimensions

Cable termination size 2

MA 98e-2

Dimensional drawing on request:
office@mschneider.at
drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.



MULTIBLOC® size 2

Accessories

NH-fuse switch disconnecter, size 2, 400 A



1.003.255



1.000.861



1.002.593



1.003.347

| Cover shrouds for cable termination | | MULTIBLOC® size 2 | |
|-------------------------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.003.255 | cover for cable terminal connection for 2.ST8 quadruple pole | 0,14 | 1 set |
| 1.000.861 | cover for cable terminal connection for 2.ST8 triple pole, 1 set = 2 pieces | 0,22 | 1 set |
| 1.002.593 | bus bar touch protection for bus bar adapter size 2, 1 set = 2 pieces | 0,35 | 1 set |
| 1.003.347 | bus bar touch protection for 2.RST8 | 0,08 | 1 piece |

subject to alteration

MULTIBLOC® size 2

NH-fuse switch disconnecter, size 2, 400 A

Accessories



1.000.863



1.002.352

| Cover shields | | MULTIBLOC® size 2 | |
|----------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.863 | cover shield for installation in distribution units size (width x height): 230 x 300 mm for one 2.ST8/2.RST8 triple pole | 0,13 | 1 piece |
| 1.002.352 | cover shield for installation in distribution units size (width x height): 234 x 310 mm for one 2.ST8/2.RST8 triple pole | 0,11 | 1 piece |



1.000.852

| Indication facilities | | MULTIBLOC® size 2 | |
|-----------------------|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.852 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 0.00 | 1 piece |



1.000.150

| Locking and sealing devices/locking device for window | | MULTIBLOC® size 2 | |
|---|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.150 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 0,01 | 1 set |



1.001.237



13SZAV6

13SZAD6

| Varieties of cable termination | | MULTIBLOC® size 2 | |
|--------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.001.237 | clamp strap size 2 120–240 mm ² , 1 set = 3 pieces | 0,25 | 1 set |
| 13SZAV6 | V-terminal size 1,2,3; M12, for V-terminal clamps size 1,2,3 for MULTIBLOC size 2 supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 0,27 | 1 set |
| 13SZAD6 | M12 terminal lugs for M12 double terminal for MULTIBLOC size 2 and 3 1 set = 3 pieces | 0,26 | 1 set |

subject to alteration



MULTIBLOC® size 2

Accessories

NH-fuse switch disconnecter, size 2, 400 A



1.002.502

| Adapter für installtion on to bus bars with clamp terminal | | MULTIBLOC® 2.ST8 | |
|--|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.002.502 | bus bar adapter size 2 with clamp terminal for MULTIBLOC 2.ST8 triple pole for bus bar system 100 mm | 1,24 | 1 piece |

MULTIBLOC® 3.ST8

NH-fuse switch disconnecter, size 3, 630 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

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

- ◆ Touch protection IP 20 - when fuse link is in test mode IP rating is maintained
- ◆ Padlocking of switch door cover - optional
- ◆ Parking position of switch operating cover even with fuse links inserted
- ◆ Indicating switch for switch door position - optional
- ◆ Electronic or electro-mechanic fuse monitoring - optional
- ◆ Modular system of cover - cover for cable termination area can be extended as required
- ◆ Varieties of cable termination: screw, bolt, clamp strap
- ◆ Installation on to 60 mm and 100 mm bus bar system with adapter



1.001.125



1.002.713



1.001.150

| MULTIBLOC® 3.ST8 | | size 3 | 630 A, 690 V AC | bottom fitting, triple pole | |
|------------------|-------|---|--|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.001.125 | 3 | 6 M12 terminal screws | - | 4,94 | 1 piece |
| 1.001.241 | 3 | 3 clamp straps 150–300 mm ² 3 M12 terminal screws | - | 5,13 | 1 piece |
| 1.002.713 | 3 | 6 M12 terminal screws | with electronic fuse monitoring ESÜ installed | 5,50 | 1 piece |
| 1.001.150 | 3 | 6 M12 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 5,74 | 1 piece |

subject to alteration

status 8/2010

MULTIBLOC® 3.ST8

NH-fuse switch disconnecter, size 3, 630 A, 690 V AC, design for bottom fitting



1.001.904



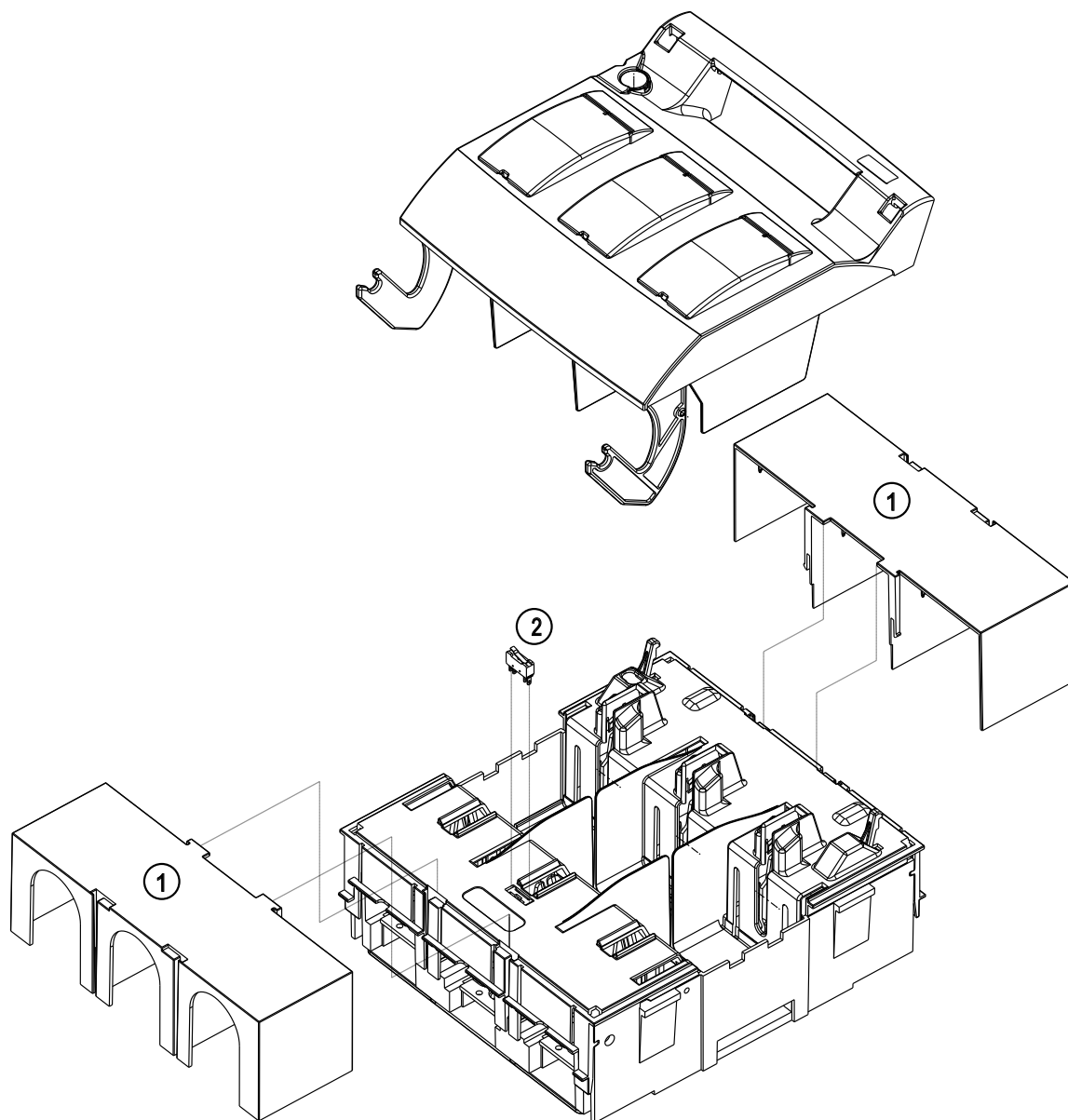
1.002.661

| MULTIBLOC® 3.ST8 | | size 3 | 630 A, 690 V AC | bottom fitting, quadruple pole | |
|------------------|-------|------------------------------|--|--------------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.001.904 | 4 | 8 M12 terminal screws | - | 7,44 | 1 piece |
| 1.002.661 | 4 | 8 M12 terminal screws | with ready fitted speacial solid link as neutral conductor in pole 4 for leading and lagging switching | 7,71 | 1 piece |

MULTIBLOC® 3.ST8

MULTIBLOC® 3.ST8 NH- fuse switch disconnecter triple pole design for bottom fitting

E 1.001.523



| no. | articlenumber | short description | page |
|-----|---------------|---|------|
| 1 | 1.000.893 | cover for cable termination, 1 set=2 pcs. | 83 |
| 2 | 1.000.852 | indicator for switch door position | 33 |

subject to alteration



MULTIBLOC® 3.ST8

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 3, 630 A, 690 V AC, design for bottom fitting

| | 3.ST8 triple pole | 3.ST8 quadruple pole |
|--|-------------------------------|---------------------------------|
| Installation mode | bottom fitting | bottom fitting |
| Size | 3 | 3 |
| Number of poles/phases | 3 | 4 |
| Conventional free air thermal current with NH-fuse links I_{th} | 630 A | 630 A |
| Max. power dissipation of NH-fuse links P_n | 48 W | 48 W |
| Conventional free air thermal current with solid links I_{th} | 780 A | 780 A |
| Max. power dissipation of solid links P_n | 17,5 W | 17,5 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 630 A$ $U_e = AC 500 V; I_e = 630 A$ $U_e = AC 690 V; I_e = 500 A$ | AC 23 B AC 22 B AC 21 B | AC 23 B AC 22 B AC 21 B |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 1000 V | 1000 V |
| Rated impulse withstand voltage U_{imp} | 12 kV | 12 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 18.6 kAsw | 18.6 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 630 A$ $U_e = AC 500 V; I_e = 630 A$ $U_e = AC 690 V; I_e = 500 A$ | 80 kA 80 kA 50 kA | 80 kA 80 kA 50 kA |
| Rated short circuit withstand current I_{cw} | 18 kA / 1 s | 18 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 40 W | 53 W |
| Power dissipation by I_{th} without solid links | 150 W | 200 W |
| Cable terminal connection | | |
| Standard terminal | M 12 | M 12 |
| for cable lugs Cu max. | 2 x 240 mm ² | 2 x 240 mm ² |
| for cable lugs Al max. | 2 x 300 mm ² | 2 x 300 mm ² |
| for cable lugs with max. dimensions | 45 x 10 mm | 45 x 10 mm |

subject to alteration

MULTIBLOC® 3.ST8

Dimensions

MULTIBLOC® 3.ST8 NH-fuse switch disconnecter triple pole design for bottom fitting

M01141

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving yopur enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 3.ST8

Dimensions

MULTIBLOC® 3.ST8 NH-fuse switch disconnecter quadruple pole design for bottom fitting

M01157-3

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

MULTIBLOC® 3.ST8

Dimensions

MULTIBLOC® 3.ST8 triple pole with electronic fuse monitoring ESÜ

M01174-3

Dimensional drawing on request:

office@mschneider.at

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MULTIBLOC® 3.ST8

Dimensions

MULTIBLOC® 3.ST8 triple pole with electro-mechanic fuse monitoring MZS

M01135-3

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

MULTIBLOC® 3.ST8

Dimensions

MULTIBLOC® bus bar adapter with clamp terminal for 3.ST8

M01151a-3

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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MULTIBLOC® size 3

82



MULTIBLOC® size 3

Dimensions

Cable termination size 3

MA 108e

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

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and send the drawing directly per e-mail.

subject to alteration

MULTIBLOC®



status 8/2010

MULTIBLOC® size 3

Accessories

NH-fuse switch disconnecter, size 3, 630 A



1.000.893



1.003.319



1.002.353



1.000.852



1.001.238



13SZAD6

| Cover shrouds for cable termination | | MULTIBLOC® 3.ST8 | |
|-------------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.893 | cover for cable terminal connection for 3.ST8 triple pole, 1 set = 2 pieces | 0,51 | 1 set |
| 1.003.319 | cover for cable terminal connection for 3.ST8 quadruple pole | 0,16 | 1 piece |

| Cover shields | | MULTIBLOC® 3.ST8 | |
|----------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.002.353 | cover shield for installation in distribution units size (width x height): 234 x 310 mm for one 3.ST8 triple pole | 1,13 | 1 piece |

| Indication facilities | | MULTIBLOC® 3.ST8 | |
|-----------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.000.852 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 0,00 | 1 piece |

| Varieties of cable termination | | MULTIBLOC® 3.ST8 | |
|--------------------------------|---|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.001.238 | clamp strap size 3 150–300 mm ² , 1 set = 3 pieces | 0,32 | 1 set |
| 13SZAD6 | M12 terminal lugs for M12 double terminal for MULTIBLOC size 2 and 3 1 set = 3 pieces | 0,26 | 1 set |

subject to alteration



MULTIBLOC® size 3

Accessories

NH-fuse switch disconnecter, size 3, 630 A



1.002.490



1.002.503

| Adapter für installtion on to bus bars with clamp terminal | | MULTIBLOC® 3.ST8 | |
|--|--|-------------------------|---------|
| article-number | design | weight kg ¹⁾ | package |
| 1.002.490 | bus bar adapter size 3 with clamp terminal for MULTIBLOC 3.ST8 triple pole for bus bar system 60 mm | 1,17 | 1 piece |
| 1.002.503 | bus bar adapter size 3 with clamp terminal for MULTIBLOC 3.ST8 triple pole for bus bar system 100 mm | 1,28 | 1 piece |

subject to alteration



MULTIBLOC® 4a.ST8 - 1250 A

NH-fuse switch disconnecter, size 4a, 690 V AC, 1250 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 4a in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 20



1.000.083

| MULTIBLOC® 4a.ST8 | | size 4a | 1250 A, 690 V AC | bottom fitting, single pole | |
|-------------------|-------|------------------------------|------------------|-----------------------------|---------|
| article-number | poles | cable termination components | | weight kg ¹⁾ | package |
| 1.000.083 | 1 | M16 terminal screws | | 4,10 | 1 piece |



1.000.089

| MULTIBLOC® 4a.ST8 | | size 4a | 1250 A, 690 V AC | bottom fitting, triple pole | |
|-------------------|-------|------------------------------|-----------------------|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.089 | 3 | M16 terminal screws | single pole switching | 12,50 | 1 piece |
| 1.000.090 | 3 | M16 terminal screws | triple pole switching | 12,50 | 1 piece |



1.000.090

MULTIBLOC® 4a.ST8 - 1600 A

NH-fuse switch disconnecter, size 4a, 690 V AC, 1600 A, 690 V AC, design for bottom fitting

in accordance with IEC/EN 60 947-3.

For NH-fuse links size 4a in accordance with IEC/EN 60 269-2, VDE 0636-2.

- ◆ Touch protection IP 20



1.000.084

| MULTIBLOC® 4a.ST8 | | size 4a | 1600 A, 690 V AC | bottom fitting, single pole | |
|-------------------|-------|------------------------------|------------------|-----------------------------|---------|
| article-number | poles | cable termination components | | weight kg ¹⁾ | package |
| 1.000.084 | 1 | 2 x M12 terminal screws | | 5,00 | 1 piece |



1.000.091

| MULTIBLOC® 4a.ST8 | | size 4a | 1600 A, 690 V AC | bottom fitting, triple pole | |
|-------------------|-------|------------------------------|-----------------------|-----------------------------|---------|
| article-number | poles | cable termination components | design | weight kg ¹⁾ | package |
| 1.000.091 | 3 | 2 x M12 terminal screws | single pole switching | 13,70 | 1 piece |
| 1.000.092 | 3 | 2 x M12 terminal screws | triple pole switching | 13,90 | 1 piece |



1.000.092
subject to alteration



MULTIBLOC® 4a.ST8 - 1250 A

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecting, size 4a, 690 V AC, 1250 A, 690 V AC, design for bottom fitting

| | 4a.ST8 single pole | 4a.ST8 triple pole |
|--|--|------------------------------------|
| Installation mode | bottom fitting | bottom fitting |
| Size | 4a | 4a |
| Number of poles/phases | 1 | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 1250 A | 1250 A |
| Max. power dissipation of NH-fuse links P_n | 115 W | 115 W |
| Conventional free air thermal current with solid links I_{th} | 1500 A | 1500 A |
| Max. power dissipation of solid links P_n | 42 W | 42 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 1250 A$ $U_e = AC 500 V; I_e = 1250 A$ $U_e = AC 690 V; I_e = 1250 A$ $U_e = DC 440 V; I_e = 1250 A$ | AC 22 B AC 22 B AC 21 B DC 21 B | AC 22 B AC 22 B - DC 21 B |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 800 V | 800 V |
| Rated impulse withstand voltage U_{imp} | 8 kV | 8 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 100 kAsw | 100 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 1250 A$ $U_e = AC 500 V; I_e = 1250 A$ $U_e = AC 690 V; I_e = 1250 A$ | 50 kA 50 kA 50 kA | 50 kA 50 kA 50 kA |
| Rated short circuit withstand current I_{cw} | 50 kA / 1 s | 50 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 55 W | 180 W |
| Power dissipation by I_{th} without solid links | 55 W | 180 W |
| Cable terminal connection | | |
| Standard terminal | M 16 | M 16 |
| for cable lugs with max. dimensions | 50 x 10 mm | 50 x 10 mm |



MULTIBLOC® 4a.ST8 - 1600 A

Technical data in accordance with EN / IEC 60947

NH-fuse switch disconnecter, size 4a, 690 V AC, 1600 A, 690 V AC, design for bottom fitting

| | 4a.ST8 single pole | 4a.ST8 triple pole |
|--|---|-------------------------------|
| Installation mode | bottom fitting | bottom fitting |
| Size | 4a | 4a |
| Number of poles/phases | 1 | 3 |
| Conventional free air thermal current with NH-fuse links I_{th} | 1600 A | 1600 A |
| Max. power dissipation of NH-fuse links P_n | 140 W | 140 W |
| Conventional free air thermal current with solid links I_{th} | 1800 A | 1800 A |
| Max. power dissipation of solid links P_n | 42 W | 42 W |
| Utilization category to IEC/EN 60947-3 $U_e = AC 400 V; I_e = 1250 A$ $U_e = AC 400 V; I_e = 1600 A$ $U_e = AC 690 V; I_e = 1600 A$ $U_e = DC 220 V; I_e = 1600 A$ $U_e = DC 440 V; I_e = 1250 A$ | AC 22 B - AC 21 B DC 21 B DC 21 B | - AC 21 B - - - |
| Rated operational voltage U_e | 690 V | 690 V |
| Rated insulation voltage U_i | 800 V | 800 V |
| Rated impulse withstand voltage U_{imp} | 8 kV | 8 kV |
| Rated frequency | 50 ... 60 Hz | 50 ... 60 Hz |
| Degree of protection | IP 20 | IP 20 |
| Degree of pollution | 3 | 3 |
| Rated duty | uninterrupted duty | uninterrupted duty |
| Rated short circuit making capacity with solid links I_{cm} | 100 kAsw | 100 kAsw |
| Rated short circuit making capacity with fuse links $U_e = AC 400 V; I_e = 1600 A$ $U_e = AC 500 V; I_e = 1600 A$ $U_e = AC 690 V; I_e = 1600 A$ | 31.5 kA 31.5 kA 31.5 kA | 31.5 kA 31.5 kA 31.5 kA |
| Rated short circuit withstand current I_{cw} | 50 kA / 1 s | 50 kA / 1 s |
| Power dissipation by I_{th} without NH-fuse links | 80 W | 270 W |
| Power dissipation by I_{th} without solid links | 80 W | 270 W |
| Cable terminal connection | | |
| Standard terminal | M 16 | M 16 |
| for cable lugs with max. dimensions | 50 x 10 mm | 50 x 10 mm |

subject to alteration



MULTIBLOC® 4a.ST8

Dimensions

MULTIBLOC® 4a.ST8 NH-fuse switch disconnecting single pole design for bottom fitting

M02002

Dimensional drawing on request:

office@mschneider.at

drawing no. (M) see top banner right side

We are looking forward to receiving your enquiry
and send the drawing directly per e-mail.



MULTIBLOC® 4a.ST8

Dimensions

MULTIBLOC® 4a.ST8 NH-fuse switch disconnecter triple pole design for bottom fitting

M02003a

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office@mschneider.at

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| 00SZA70 | Al/Cu clamp 1-5 - 70mm ² , set = 3 pieces | for MULTIBLOC, MULTIVERT/BSL 160A | 1330 | 34 |
| 00SZESK | Clamp strap 4 - 70mm ² , set = 3 pieces | for MULTIBLOC, MULTIVERT/BSL 160A | 1330 | 34 |
| 00SZNS | Neutral cond. support with clamp strap | for MULTIBLOC 00.ST8, 00.ST9, 00.RST9 | 1445 | 34 |
| 00SZS | M8 terminal screw screw, 1 Set = 3 pieces | for MULTIBLOC, MULTIVERT/BSL 160A | 1330 | 34 |
| 00SZSV6 | V-shaped terminal lug, size 00, set=3pcs. | for MULTIBLOC 00.ST8/00.RST8, SU5 160A | 1330 | 34 |
| 1.000.053 | MULTIBLOC 00.ST8 size 00 / 160A, 1-pole | M8 terminal screws | 1435 | 15 |
| 1.000.054 | MULTIBLOC 00.ST8 size 00 / 160A, 1-pole | terminal clamp straps | 1435 | 15 |
| 1.000.083 | MULTIBLOC size 4a / 1250A, 1-pole | M16 terminal screws | 1491 | 85 |
| 1.000.084 | MULTIBLOC size 4a / 1600A, 1-pole | 2 x M12 terminal screws | 1491 | 85 |
| 1.000.089 | MULTIBLOC size 4a / 1250A, 3-pole | M16 terminal screws | 1491 | 85 |
| 1.000.090 | MULTIBLOC size 4a / 1250A, 3-pole | M16 terminal screws | 1491 | 85 |
| 1.000.091 | MULTIBLOC size 4a / 1600A, 3-pole | 2 x M12 terminal screws | 1491 | 85 |
| 1.000.092 | MULTIBLOC size 4a / 1600A, 3-pole | 2 x M12 terminal screws | 1491 | 85 |
| 1.000.114 | MULTIBLOC 00.ST8 size 00 / 160A, 1-pole | Al/Cu clamps | 1435 | 15 |
| 1.000.126 | Cover shield for one switch | for MULTIBLOC 00.ST8 triple pole | 1445 | 32 |
| 1.000.127 | Cover shield for two switches | for MULTIBLOC 00.ST8 triple pole | 1445 | 32 |
| 1.000.128 | Cover shield for three switches | for MULTIBLOC 00.ST8 triple pole | 1445 | 32 |
| 1.000.139 | MULTIBLOC 00.ST8 size 00 / 160A, 2-pole | M8 terminal screws | 1435 | 15 |
| 1.000.140 | MULTIBLOC 00.ST8 size 00 / 160A, 2-pole | terminal clamp straps | 1435 | 15 |
| 1.000.141 | MULTIBLOC 00.ST8 size 00 / 160A, 4-pole | M8 terminal screws, pole 4 right side | 1435 | 15 |
| 1.000.142 | MULTIBLOC 00.ST8 size 00 / 160A, 4-pole | terminal clamp straps, pole 4 right side | 1435 | 15 |
| 1.000.148 | Cover for cable termination, triple pole | for MULTIBLOC 00.ST8, 1 set = 2 pieces | 1445 | 31 |
| 1.000.149 | Cover for cable termination, single pole | for MULTIBLOC 00.ST8, 1 set = 2 pieces | 1445 | 31 |
| 1.000.150 | Locking device f. windows, 1 Set=3 pieces | for MULTIBLOC 00.ST8, 1.RST8 | 1445 | 33, 54, 71 |
| 1.000.151 | Set for mounting on DIN rails 125mm | for MULTIBLOC 00.ST8, single pole | 1445 | 33 |
| 1.000.152 | Set for mounting on DIN rails 150mm | for MULTIBLOC 00.ST8, single pole | 1445 | 33 |
| 1.000.153 | Set for mounting on DIN rails 125mm | for MULTIBLOC 00.ST9, triple pole | 1445 | 33 |
| 1.000.154 | Set for mounting on DIN rails 150mm | for MULTIBLOC 00.ST9, triple pole | 1445 | 33 |
| 1.000.155 | Cover sealing device, installation set | for MULTIBLOC 00.ST8, 1.RST8 | 1445 | 33, 55 |
| 1.000.157 | Indicating switch f switch door position | for MULTIBLOC 00.RST9, 40mm bus bar syst. | 1445 | 33 |
| 1.000.299 | MULTIBLOC 1.ST8 size 1 / 250A, 3-pole | triple pole, M10 terminal screws | 1475 | 36 |
| 1.000.323 | MULTIBLOC 1.RST8 size 1 / 250A, 3-pole | M 10 terminal screws | 1475 | 37 |
| 1.000.353 | Cover shield, 210 x 260 mm | for MULTIBLOC 1.ST8 triple pole / 1.RST8 | 1485 | 54 |
| 1.000.354 | Cover for cable termination single pole | for MULTIBLOC 1.ST8, 1 set = 2 pcs. | 1485 | 53 |
| 1.000.382 | Cover for cable termination triple pole | for MULTIBLOC 1.ST8, 1 set = 2 pcs. | 1485 | 53 |
| 1.000.383 | Set for mounting on DIN rails 150mm | for MULTIBLOC 1.ST8, triple pole | 1485 | 54 |
| 1.000.384 | Set for mounting on DIN rails 125mm, | for MULTIBLOC 1.ST8, triple pole | 1485 | 54 |
| 1.000.388 | MULTIBLOC 1.ST8 size 1 / 250A, 1-pole | M10 terminal screws | 1475 | 35 |
| 1.000.397 | MULTIBLOC 1.ST8 size 1 / 250A, 2-pole | M10 terminal screws | 1475 | 35 |
| 1.000.402 | Set for mounting on DIN rails 125mm | for MULTIBLOC 1.ST8, single pole | 1485 | 54 |
| 1.000.403 | Set for mounting on DIN rails 150mm | for MULTIBLOC 1.ST8, single pole | 1485 | 54 |
| 1.000.405 | MULTIBLOC 1.ST8 size 1 / 250A, 4-pole | M10 terminal screws | 1475 | 36 |
| 1.000.420 | Clamp strap size 1, 70 - 150mm ² | for 1.ST8/1.RST8, 1 set = 3 pcs. | 1485 | 55 |

subject to alteration

| article-number | short description | application | price-group | page |
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| 1.000.504 | MULTIBLOC 2.ST8 size 2 / 400A, 3-pole | M10 terminal screws | 1475 | 56 |
| 1.000.704 | MULTIBLOC 2.RST8 size 2 / 400A, 3-pole | M10 terminal screws | 1475 | 57 |
| 1.000.831 | MULTIBLOC 1.ST8 size 1 / 250A, 3-pole | electromechanical fuse monit. installed | 1485 | 36 |
| 1.000.832 | MULTIBLOC 2.ST8 size 2 / 400A, 3-pole | electromechanical fuse monit. installed | 1475 | 56 |
| 1.000.852 | indicator for switch door position | for MULTIBLOC, MULTIVERT | 1330 | 33, 54, 71, 83 |
| 1.000.855 | MULTIBLOC 1.RST8 size 1 / 250A, 3-pole | electromechanical fuse monit. installed | 1485 | 37 |
| 1.000.856 | MULTIBLOC 2.RST8 size 2 / 400A, 3-pole | electromechanical fuse monit. installed | 1485 | 57 |
| 1.000.861 | Cover for cable termination, set = 2 pcs. | for MULTIBLOC 2.ST8, triple pole | 1485 | 70 |
| 1.000.863 | Cover shield 230 x 300 mm | for MULTIBLOC 2.ST8 triple pole/2.RST8 | 1485 | 71 |
| 1.000.885 | Insulated bus bar for 2 switches | for MULTIBLOC 00.ST8, 35mm ² , 110/220A | 1445 | 34 |
| 1.000.886 | Insulated bus bar for 3 switches | for MULTIBLOC 00.ST8, 35mm ² , 110/220A | 1445 | 34 |
| 1.000.887 | Insulated bus bar for 5 switches | for MULTIBLOC 00.ST8, 35mm ² , 110/220A | 1445 | 34 |
| 1.000.893 | cover for cable termination, 1 set=2 pcs. | for MULTIBLOC 3.ST8, triple pole | 1485 | 83 |
| 1.000.936 | MULTIBLOC 1.RST8 size 1 / 250A, 3-pole | main incommer | 1475 | 37 |
| 1.001.028 | MULTIBLOC 2.RST8 size 2 / 400A, 3-pole | main incommer | 1475 | 57 |
| 1.001.125 | MULTIBLOC 3.ST8 size 1 / 250A, 3-pole | M12 terminal screws, triple pole | 1475 | 73 |
| 1.001.150 | MULTIBLOC 3.ST8 size 3 / 630A, 3-pole | electromechanical fuse monit. installed | 1475 | 73 |
| 1.001.237 | Clamp strap size 2, 120 - 240mm ² | for 2.ST8 / 2.RST8, 1 set = 3 pieces | 1485 | 71 |
| 1.001.238 | Clamp strap size 3, 150 - 300mm ² | for 3.ST8, 1 set = 3 pieces | 1485 | 83 |
| 1.001.239 | MULTIBLOC 1.ST8 size 1 / 250A, 3-pole | clamp strap 1.000.420 / M 10 screws | 1475 | 36 |
| 1.001.240 | MULTIBLOC 2.ST8 size 2 / 400A, 3-pole | clamp strap 1.001.237 / M 10 screws | 1475 | 56 |
| 1.001.241 | MULTIBLOC 3.ST8 size 3 / 630A, 3-pole | clamp strap 1.001.238 / M 12 screws | 1475 | 73 |
| 1.001.294 | MULTIBLOC 1.RST8 size 1 / 250A, 3-pole | terminal: clamp strap 1.000.420 | 1475 | 37 |
| 1.001.295 | MULTIBLOC 2.RST8 size 2 / 400A, 3-pole | terminal: clamp strap 1.001.237 | 1475 | 57 |
| 1.001.575 | MULTIBLOC 00.ST8 size 00 / 160A, 4-pole | M8 terminal screws, pole 4 left side | 1435 | 15 |
| 1.001.688 | MULTIBLOC 2.ST8 size 2 / 400A, 4-pole | M10 terminal screws | 1475 | 56 |
| 1.001.817 | MULTIBLOC 00.ST8 size 00/160A, 1-pole | bus bar installation, screws M 8 | 1435 | 15 |
| 1.001.818 | MULTIBLOC 1.ST8 size 1/250A, 1-pole | bus bar installation, screws M 10 | 1475 | 35 |
| 1.001.830 | V-terminal lug for V- terminal clamp | for MULTIBLOC 1.ST8,1.RST8,1 set =3 pcs. | 1485 | 55 |
| 1.001.857 | Al/Cu clamp 1·5 - 95 mm ² , set = 3 pieces | for MULTIBLOC, MULTIVERT/BSL 160A | 1330 | 34 |
| 1.001.904 | MULTIBLOC 3.ST8 size 3 / 250A, 4-pole | M12 terminal screws | 1475 | 74 |
| 1.002.351 | Cover shield, 230 x 283 mm | for MULTIBLOC 1.ST8 triple pole / 1.RST8 | 1485 | 54 |
| 1.002.352 | Cover shield, 234 x 310 mm | for MULTIBLOC 2.ST8 triple pole / 2.RST8 | 1485 | 71 |
| 1.002.353 | Cover shield, 287 x 330 mm | for MULTIBLOC 3.ST8 triple pole | 1485 | 83 |
| 1.002.377 | MULTIBLOC 00.ST8 size 00 / 160A, 4-pole | N = solid link / pole 4, leading/lagging | 1435 | 15 |
| 1.002.378 | MULTIBLOC 1.ST8 size 1 / 250A, 4-pole | N = solid link / pole 4, leading/lagging | 1475 | 36 |
| 1.002.379 | MULTIBLOC 2.ST8 size 2 / 400A, 4-pole | N = solid link / pole 4, leading/lagging | 1475 | 56 |
| 1.002.490 | bus bar adapter size 3, clamp terminal | for MULTIBLOC 3.ST8, MULTIFIX 60 | 1485 | 84 |
| 1.002.501 | bus bar adapter size 1, clamp terminal | for MULTIBLOC 1.ST8, MULTIFIX 100 | 1485 | 55 |
| 1.002.502 | bus bar adapter size 2, clamp terminal | for MULTIBLOC 2.ST8, MULTIFIX 100 | 1485 | 72 |
| 1.002.503 | bus bar adapter size 3, clamp terminal | for MULTIBLOC 3.ST8, MULTIFIX 100 | 1485 | 84 |
| 1.002.562 | MULTIBLOC 1.ST8 size 1 / 250A, 3-pole | clamp straps art. No. 1.000.420 | 1475 | 36 |
| 1.002.563 | MULTIBLOC 2.ST8 size 2 / 400A, 3-pole | clamp straps art. No. 1.001.237 | 1475 | 56 |

subject to alteration

MULTIBLOC®

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| 1.002.571 | MULTIBLOC 000.RST8, 000 / 100A, 3-pole | for MULTIFIX 60, bottom terminal | 1425 | 8 |
| 1.002.572 | MULTIBLOC 000.RST8, 000 / 100A, 3-pole | for MULTIFIX 60, top terminal | 1425 | 8 |
| 1.002.592 | Bus bar touch protection | for MULTIBLOC 1.ST8 1 | 1485 | 53 |
| 1.002.593 | Bus bar touch protection | for MULTIBLOC 2.ST8, triple pole | 1485 | 70 |
| 1.002.643 | Indicating switch f switch door position | for MULTIBLOC 000.RST8 | 1425 | 13 |
| 1.002.644 | Cover for cable termination | for MULTIBLOC 000.RST8 | 1425 | 13 |
| 1.002.661 | MULTIBLOC 3.ST8 size 3 / 160A, 4-pole | N = solid link / pole 4, leading/lagging | 1475 | 74 |
| 1.002.711 | MULTIBLOC 1.ST8 Gr. 1 / 250A, 3-pole | electronic fuse monitoring installed | 1475 | 36 |
| 1.002.712 | MULTIBLOC 2.ST8 Gr. 2 / 400A, 3-pole | electronic fuse monitoring installed | 1475 | 56 |
| 1.002.713 | MULTIBLOC 3.ST8 Gr. 3 / 630A, 3-pole | electronic fuse monitoring installed | 1475 | 73 |
| 1.002.764 | Cover shield, 220 x 240mm | for MULTIBLOCK 00.ST8 4-pole | 1420 | 32 |
| 1.002.870 | Cover shield for two switches 231x210 | f.MB 00ST8/RST8 triple p+spare way field | 1445 | 32 |
| 1.002.874 | Cover shield for two switches 231x210 | for MULTIBLOC 00.ST8/00.RST8 triple pole | 1445 | 32 |
| 1.003.134 | MULTIBLOC 1.RST8 size 1 / 250A, 3-pole | electronic fuse monitoring installed | 1475 | 37 |
| 1.003.135 | MULTIBLOC 2.RST8 size 2 / 400A, 3-pole | electronic fuse monitoring installed | 1475 | 57 |
| 1.003.141 | MULTIBLOC 00.ST8,160A,4-pole,clamp strap | N = solid link / pole 4, leading/lagging | 1435 | 15 |
| 1.003.255 | Cover for cable termination | for MULTIBLOC 2.ST8, quadruple pole | 1485 | 70 |
| 1.003.319 | Cover for cable termination | for MULTIBLOC 3.ST8, quadruple pole | 1485 | 83 |
| 1.003.325 | bus bar touch protection | for MULTIBLOC 00.RST9 | 1445 | 31 |
| 1.003.329 | bus bar touch protection | for MULTIBLOC 1.RST8 | 1485 | 53 |
| 1.003.347 | bus bar touch protection | for MULTIBLOC 2.RST8 | 1485 | 70 |
| 1.003.402 | Cover for cable termination | for MULTIBLOC 1.ST8, quadruple pole | 1485 | 53 |
| 13SZAD6 | Double terminal for cable lugs, 1 set | for MULTIBLOC 1.ST8, 2.ST8, 3.ST8 | 1485 | 71, 83 |
| 13SZAV6 | V-terminal lug for V- terminal clamp | for MULTIBLOC 2.ST8, 2.RST8,set = 3 pcs. | 1485 | 71 |
| 2.030.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | M8 terminal screws | 1435 | 16 |
| 2.030.100 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | electronic fuse monitoring installed | 1435 | 16 |
| 2.030.200 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | electromechanical fuse monit. installed | 1445 | 16 |
| 2.030.300 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | M8 terminal screws, fixed windows | 1435 | 16 |
| 2.031.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | terminal clamp straps | 1435 | 16 |
| 2.031.300 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | terminal clamp straps, fixed windows | 1435 | 16 |
| 2.032.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | Al / Cu clamps | 1435 | 16 |
| 2.033.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | frame clamps | 1435 | 16 |
| 2.034.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | terminal clamp straps/M8 terminal screws | 1435 | 16 |
| 2.035.000 | MULTIBLOC 00.ST9 size 00 / 160A, 3-pole | M8 terminal screws, Al / Cu clamps | 1435 | 16 |
| 2.074.000 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | bus bar 40mm, M8 / terminal clamp straps | 1455 | 17 |
| 3.083.000 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | bus bar 60mm, frame clamps | 1455 | 17 |
| 3.083.300 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | bus bar 60mm, frame clamp, fixed wind. | 1457 | 17 |
| 3.084.000 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | bus bar 60mm, M8 / terminal clamp straps | 1455 | 17 |
| 3.084.100 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | electronic fuse monitoring installed | 1455 | 17 |
| 3.084.200 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | electromechanical fuse monit. installed | 1455 | 17 |
| 3.084.300 | MULTIBLOC 00.RST9 size 00 / 160A, 3-pole | bus bar 60mm,M8/clamp straps, fixed wind. | 1455 | 17 |
| C00ST601 | MULTIBLOC 000.ST8, 000 / 160A, 3-pole | frame clamps 1,5-50mm ² | 1410 | 8 |
| C00SZ3K | Triple clamp per pole 2-5 - 16mm ² | for MULTIBLOC 000.ST8 | 1420 | 13 |
| C00SZAB | Cover shield | for MULTIBLOC 000.ST8 | 1420 | 13 |

subject to alteration

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| C00SZAK | Insertion clamp 16 - 70 / 25 - 95 mm ² | for MULTIBLOC 000.ST8 | 1420 | 13 |
| C00SZDIN | Adapter for mounting on DIN rails | for MULTIBLOC 000.ST8 | 1420 | 13 |
| C00SZHID | Indicating switch f.switch door position | for MULTIBLOC 000.ST8 | 1420 | 13 |
| C00SZLFA | Spare way cover | for MULTIBLOC 000.ST8 | 1420 | 14 |
| C00SZPS12 | Insulated bus bar for 3 switches | for MULTIBLOC 000.ST8 | 1420 | 14 |
| C00SZPS6 | Insulated bus bar for 2 switches | for MULTIBLOC 000.ST8 | 1420 | 14 |
| C00SZPS9 | Insulated bus bar for 3 switches | for MULTIBLOC 000.ST8 | 1420 | 14 |
| C00SZVS | Insulated connection bus bar | for MULTIBLOC 000.ST8 | 1420 | 14 |
| MZ00HD | Indicating switch f.switch door position | for MULTIBLOC 00.ST8 1-,2-,4-pole | 1445 | 33 |

MULTIBLOC® installation and maintenance

The standard conditions to IEC/EN 60 947-1 and IEC/EN 60947-3 are as follows:

- a) Ambient air temperature: must not exceed +40 °C and its average over a period of 24 hours does not exceed 35° C. The lower limit of ambient air temperature is –5° C. Ambient air temperature is that existing in the vicinity of the equipment if supplied without enclosure. (Please note - a derating factor must be applied to the maximum load current when the ambient air temperature in the vicinity of the switchgear exceeds 25° C. The cross sectional areas of copper bus bars together with all other connected cables or conductors must meet the minimum cross sectional area used in the verification of the temperature rise tests at the rated current measurement of the switchgear. In case of doubt contact m.schneider. Follow the specification of the manufacturer of the NH-fuse links installed.)
- b) Altitude: up to 2.000 m. For equipment to be used at higher altitudes contact m.schneider prior to use.
- c) Humidity: The relative humidity of the air must not exceed 50% at a maximum temperature of +40° C. Higher relative humidity may be permitted at lower temperatures, e.g. 90% at +20°C. Special measures may be necessary in cases of occasional condensation due to variations in temperature.
- d) Pollution degree: The switchgear is rated according pollution degree 3 (conductive pollution occurs, or dry or non conductive pollution occurs which becomes conductive due to condensation).
- e) Transport and Storage: Values according a) and b) are valid with the exception, that for transport and storage, but not service, the ambient temperatures can be between –25° C to +55° C.
- f) Certification and Test Reports: All equipment of the MULTIBLOC® series are tested and approved by third party testing according the above-mentioned standards and with the technical data mentioned in accordance with IEC-standards to CB procedure. Test have been made in conditions described by the standard. Other service conditions (e.g. in enclosures, at higher ambient air temperatures, higher power dissipation of fuse links, etc.) correction factors to the rated values have to be observed. These correction factors can be found in standards IEC 60 269, IEC 60 890 or IEC 60 439.
- g) Mounting and Service: Equipment has to be mounted and installed according the mounting, installation and service manuals of m.schneider.
- h) Fuse Links: The equipment requires the use of NH - fuse links according to IEC 60 269-2 (NH-System). The power dissipation of the fuse links used must not exceed the power acceptance of the equipment.

Duty of inspection of assembly of switch gear combinations after transport and installation by routine tests in accordance with IEC/EN 60439-1, § 8.3.1:

Inspection of the assembly including inspection of wiring and, if necessary, electrical operation test

The effectiveness of mechanical actuating elements, interlocks, locks, etc., shall be checked. The conductors and cables shall be checked for proper laying devices for proper mounting. A visual inspection is also necessary to ensure that the prescribed degree of protection, creepage and clearance distances are maintained.

The connections, especially the screwed connections, shall be checked for adequate contact, possibly by random tests.

The companies of the m.schneider group have designed, produced and installed electro technical products of high quality since 1926 in Annaberg-Germany, since 1946 in Vienna-Austria and since 1996 in Sezemice - Czech Republic. In the

- ◆ **Production of fuses and switch gear**
- ◆ **Installation of electrical and digital data networks**
- ◆ **Technical facility management**
- ◆ **Telecommunication services**
- ◆ **Nationally certified cable test department**

about 300 employees are active in Austria, Germany, the Czech Republic, Hungary, Poland and China.

In the field of NH-(low voltage high rupturing) DIN-fuse material m.schneider is a leading international manufacturer. The product portfolio comprises the complete NH-fuse system, EUROFUSE® NH-fuse links, horizontal and vertical fuse bases, MULTIBLOC® fuse switch disconnectors and MULTIVERT® vertical fuse switch disconnectors in many varieties as well as a wide range of accessories.

The function of our products is the protection of persons, systems and installations against the impact of overloads and short circuits.

In addition, our production programme comprises MULTIFIX bus bar systems, D/D0 and cylindrical fuse systems, miniature fuse links and accessories as well as high voltage fuse links.

The products meet the highest quality requirements, extending the demands of national and international standards, certified by many company held patents for products and their assembling procedures together with independent test certification such as ÖVE, VDE, CCC. All products are tested in accordance with EN, IEC.

The manufactured products are distributed in more than 50 countries. m.schneider was certified to ISO 9001 in 1993 as 86th Austrian company. The company's products are acclaimed for their reliability and are used at home and abroad by public utilities, panel board builders and industry.

As a leading supplier m.schneider always offers their customers in addition to regular product training and product presentations the very best services:

- ◆ Continuous product development and programmes
- ◆ Competent problem solving
- ◆ Latest technical standard
- ◆ Efficient customer service
- ◆ System supplier

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