



NH00-Fuse switch disconnecter

Range MULTIBLOC® NH 00 AT, for mounting plate

Size: 00 / 3-pole / 160A/690V

width of 108mm

mounting plate version

modular system of cover - cover for cable termination area can be extended as required

parking position of switch operating cover even with fuse - links inserted

sealing and padlocking device integrated in switch door cover

Item	kg/pc	unit	Item No.
NH 00 AT, with 6 clamp streps 4-70mm²	0,74	1	14 3010

Approvals:

EN / IEC 60947-3

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

Electrical data:

Number of poles:	3
Size:	00
Conventional free air thermal current with NH-fuse links: I_{th}	160 A
Max. power dissipation of fuse links: P_n	12 W
Conventional free air thermal current with solid links: I_{th}	200 A
Max. power dissipation of solid links: P_n	1,2 W
Utilization category to IEC/EN 60947-3:	
$U_e = AC 400V; I_e = 160A$	AC 23 B
$U_e = AC 500V; I_e = 160A$	AC 22 B
$U_e = AC 690V; I_e = 125A$	AC 21 B
$U_e = DC 220V; I_e = 160A$	DC 22 B
$U_e = DC 440V; I_e = 100A$	DC 21 B
Rated operational voltage: U_e	690 V
Rated insulation voltage: U_i	1000 V
Rated impulse withstand voltage: U_{imp}	8 kV
Rated frequency:	50 ... 60 Hz
Rated duty:	uninterrupted duty
Rated conditional short-circuit current with fuse links:	
$U_e = AC 400V; I_e = 160A$	80 kA
$U_e = AC 500V; I_e = 160A$	80 kA
$U_e = AC 690V; I_e = 125A$	80 kA
Rated short circuit making capacity with solid links: I_{cm}	6,2 kAsw
Rated short-time withstand current: I_{cw}	4 kA / 1s
Power dissipation by I_{th} without NH-fuse links:	7 W
Power dissipation by I_{th} without solid links:	10 W

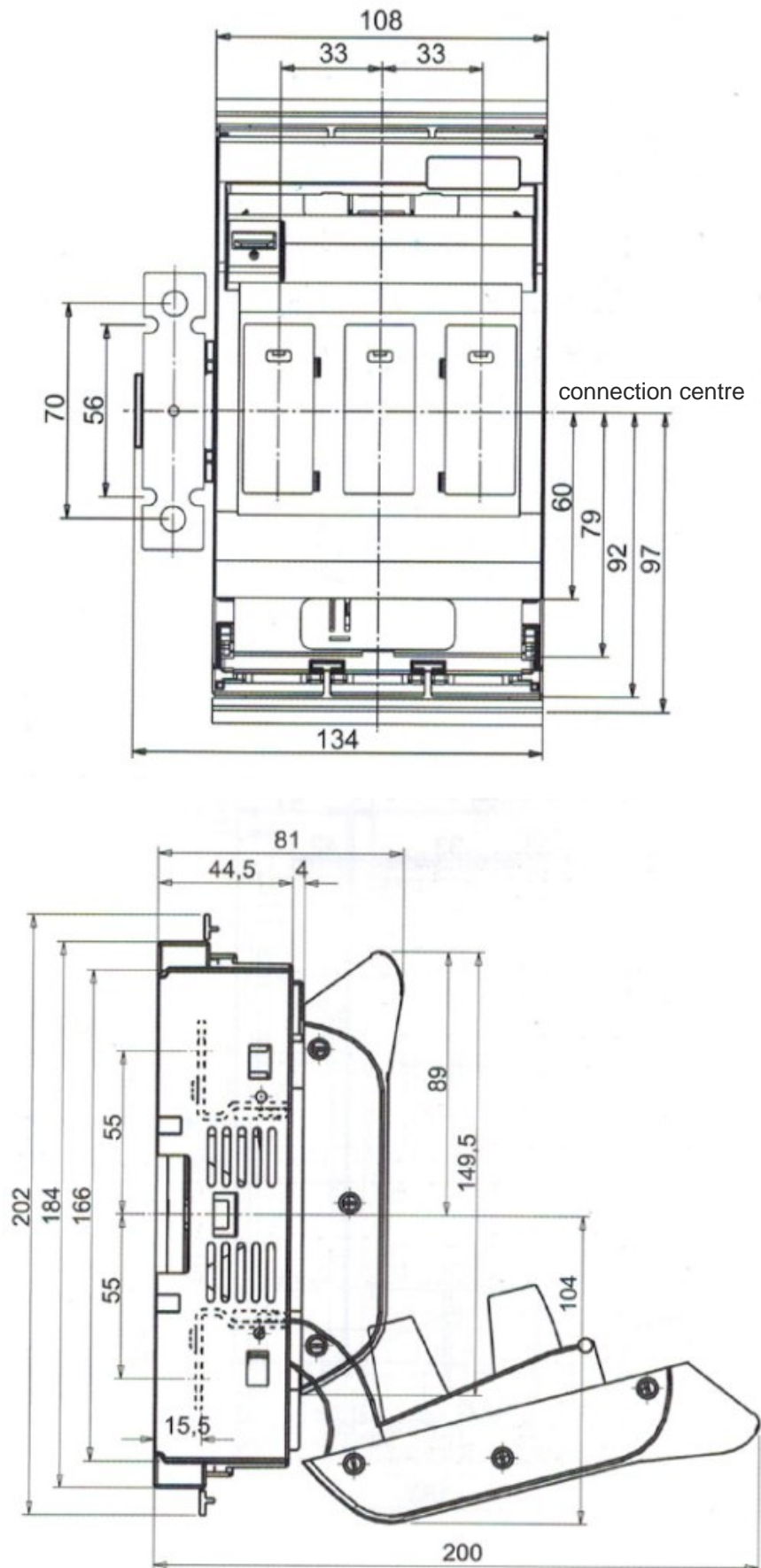
Mechanical data:

Degree of protection:	IP 30
Degree of pollution:	3

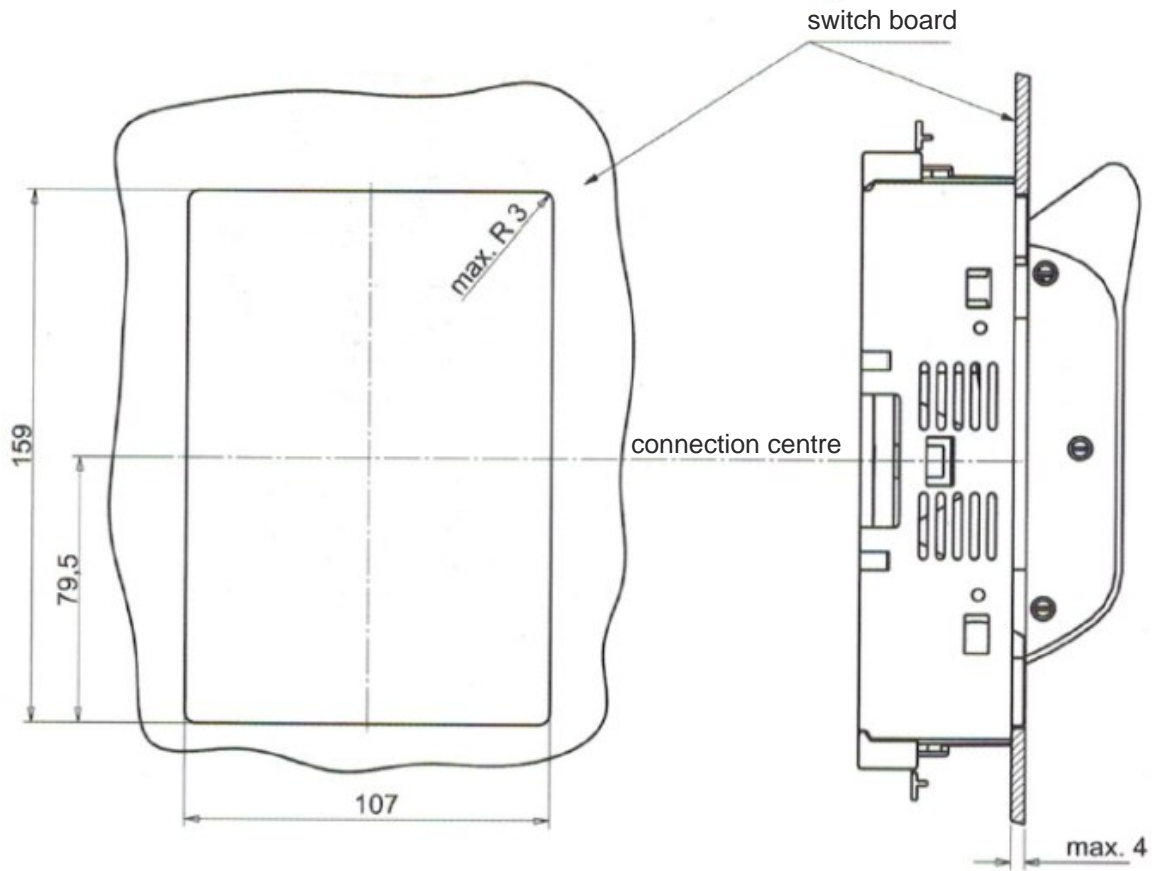
Cable terminal connection

Standard cable terminal:	M8
for cable lugs Cu max.:	2 x 70mm ²
for cable lugs Al max.:	2 x 70mm ²
for copper bars with max. dimensions:	20 x 5mm

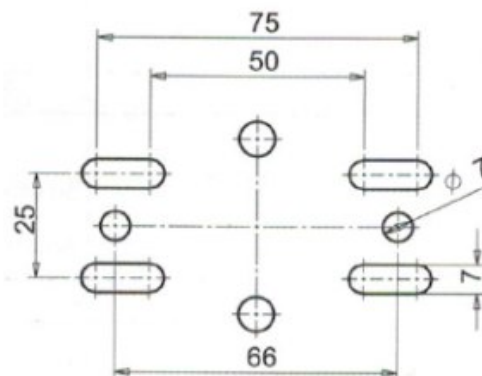
Dimensions:



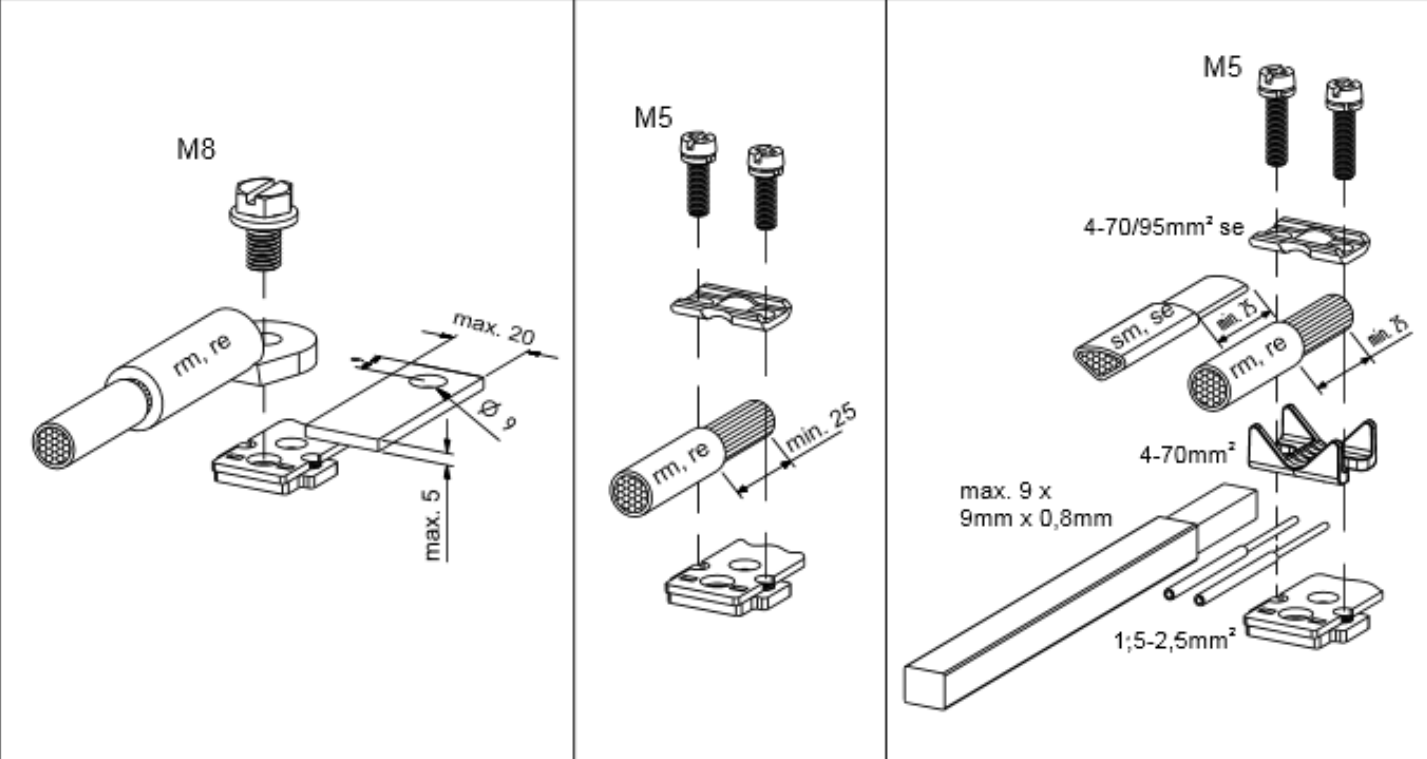
Dimensions of switch board cut out for bottom fixing without cover shield








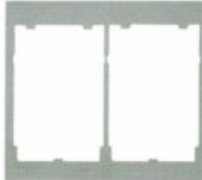
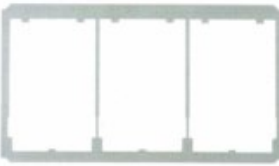

Dimensions for bottom fitting



Cable termination:

type	N	S	A
terminal	screw	clamp strap	Al/Cu clamp
cross section mm ²	Cu 16-70	Cu 4-70	Cu 1,5-70
	Al 16-95	Al ---	Al 1,5-70 sectoral stranded Al 1,5-95 sectoral solid
M(an) (Nm)	10	3-4	3-4
			

Fittings:

	Item Cover for cable terminal connection 3-pole 1 set = 2 pieces	kg/pc 0,05	unit 1	Item No. 140148
	Item Indicator for switch door position micro switch, 1 change-over contact 5A, 250V	kg/pc 0,01	unit 1	Item No. 140852
	Item Cover shield for installation in distribution units Size (width x height): 123 x 190mm for one NH00	kg/pc 0,02	unit 1	Item No. 140126
	Item Cover shield for installation in distribution units Size (width x height): 123 x 210mm for one NH00	kg/pc 0,03	unit 1	Item No. 143431
	Item Cover shield for installation in distribution units Size (width x height): 231 x 190mm for two NH00	kg/pc 0,05	unit 1	Item No. 140127
	Item Cover shield for installation in distribution units Size (width x height): 231 x 210mm for two NH00	kg/pc 0,05	unit 1	Item No. 142874
	Item Cover shield for installation in distribution units Size (width x height): 339 x 190mm for two NH00	kg/pc 0,07	unit 1	Item No. 140128
	Item Terminal screw M8 (1 Set = 2 pieces)	kg/pc 0,03	unit 1	Item No. 148052



Item	kg/pc	unit	Item No.
Al/Cu clamp 4-70mm ² (1 Set = 3 pieces)	0,08	1	148053



Item	kg/pc	unit	Item No.
Adapter for installation on two DIN-rails in accordance with EN 60 715-125mm	0,14	1	140153



Item	kg/pc	unit	Item No.
Adapter for installation on two DIN-rails in accordance with EN 60 715-150mm	0,16	1	140154

NH-fuse links:

with non-isolated gripping lugs, double indicator, contact blades, complying with DIN VDI 0632-2 Operating class (gL) gG
Size 000/00 500~/250V-



Item	kg/pc	unit	Item No.
Size 000 2A	0,12	3	140602
Size 000 4A	0,12	3	140604
Size 000 6A	0,12	3	140606
Size 000 10A	0,12	3	140610
Size 000 16A	0,12	9	140616
Size 000 20A	0,12	9	140620
Size 000 25A	0,12	9	140625
Size 000 32A	0,12	9	140632
Size 000 35A	0,12	9	140635
Size 000 40A	0,12	9	140640
Size 000 50A	0,12	9	140650
Size 000 63A	0,12	9	140663
Size 000 80A	0,12	9	140680
Size 000 100A	0,12	9	140690
Size 00 125A	0,12	3	140691
Size 00 160A	0,12	3	140692
NH-contact blades Size NH000 / 160A	0,12	9	141710