

Data Sheet for Article: ISA05018--

NH busbar fuse switch ARROW BLUE, size 000 125A outg.bottom

for 60mm system



Schrack-Info

- NH-fuse-switch-disconnector acc. to IEC/EN 60947-3, VDE 0660 part 107
- for 60mm busbar-system
 - All parts made from halogenfree, self-extinguishing material

Technical Data

Power loss (W)	12,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	70
Size type	NH 000
Rated operational voltage (V)	690
Rated operational current (A)	125
Rated insulation voltage [Ui] (V)	800
Electrical endurance (Operation cycle)	200
Poles	3
Connection	Lift terminal
Mechanical durability	1400 switching cycles
Mounting type	vertical

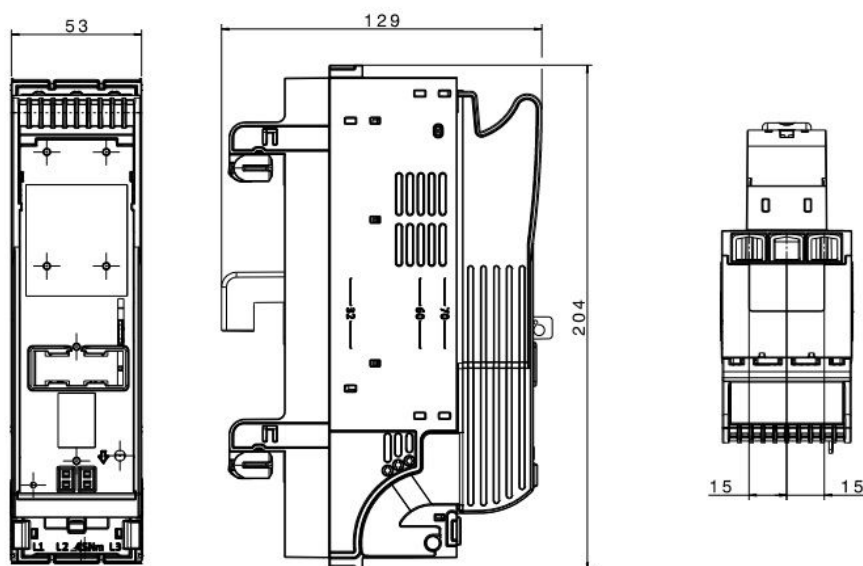
Technical Data - continued

Overvoltage category/pollution degree	III / 2
Utilization category	1: AC-21B - 690V - 80A 3: 42 2: AC-22B - 500V - 125A
mounting	busbar mounted
System	60mm

Datei Tabelle: NH busbar fuse switch ARROW BLUE, size 000 125A outg.bottom

Special features	Compact design, snap on installation without screws, for busbars with 5mm or 10mm thickness
Busbar distance	60mm
Switching mode	3 pole switchable
Conv. free air thermal current with fuse-links	125A
Rated short-time withstand current I_{cw}	5kA
Rated impulse voltage U_{imp}	6kV
Rated frequency	50 - 60Hz
Total power loss at I_{th} (without fuse-link)	12W
Power loss at 80% I_{th} (without fuse-link)	8W
Rated conditional short-circuit current	80kA (AC690V)
Max. permissible power dissipation per fuse-link	9W
Ambient temperature	-25 bis +70°C >35°C derating of rated current required
Mounting position	Vertical / Horizontal
Altitude	2000m
Degree of protection	IP30
Direction of cable terminal	bottom side
Clamping range	Clamp F50 1,5-50mm ²

Dimensioned drawing: NH busbar fuse switch ARROW BLUE, size 000 125A outg.bottom



[mm]

Article Table

DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
NH busbar fuse switch ARROW BLUE, size 000 125A outg.bottom for 60mm system		ISA05018
Optional Accessories		
HRC fuse element, size 00 (000), 4A, 400VAC		ISP00004
HRC fuse element, size 00 (000), 6A, 400VAC		ISP00006
HRC fuse element, size 00 (000), 10A, 400VAC		ISP00010
HRC fuse element, size 00 (000), 16A, 400VAC		ISP00016
HRC fuse element, size 00 (000), 20A, 400VAC		ISP00020
HRC fuse element, size 00 (000), 25A, 400VAC		ISP00025
HRC fuse element, size 00 (000), 32A, 400VAC		ISP00032
HRC fuse element, size 00 (000), 35A, 400VAC		ISP00035
HRC fuse element, size 00 (000), 40A, 400VAC	8	ISP00040
HRC fuse element, size 00 (000), 50A, 400VAC		ISP00050
HRC fuse element, size 00 (000), 63A, 400VAC		ISP00063
HRC fuse element, size 00 (000), 80A, 400VAC		ISP00080
HRC fuse element, size 00 (000), 100A, 400VAC		ISP00100