

Technical Data Ex9BI

Isolators up to 63 A with Accessories

General parameters

Modular Isolators

Usable as main switches with isolation function

Suitable for household as well as industrial applications

Accessories

Auxiliary contacts	AX3111, AX3122	100540, 100542
Shunt trip releases	SHT31, SHT3111	100544-100546, 100547-100549
Undervoltage releases	UVT31, UVT3101, UVT3110	100550-100551, 100552-100553, 100554-100555
Overvoltage release	OVT31 280V AC±5%	100556
Max. number of installed accessories is 3 pcs of one contact units (AX3111) or 2 pcs of two contact units (AX3122) and 2 pcs of releases (SHT31, UVT31, OVT31)		

Electrical parameters

Tested according to	IEC/EN 60947-3
Rated op. voltage	230/400 V AC
Rated frequency	50 Hz
Rated current I_e AC-22A 230/400 V AC	16, 25, 32, 40, 63 A
Number of poles	1, 2, 3, 4
Utilization category	AC-22A
Rated insulation voltage U_i	690 V
Rated impulse withstand voltage U_{imp}	6 kV
Rated short-time withstand current I_{cwt} , 1 s	1 kA
Rated short-circuit making capacity I_{cm}	1.5 kA
Maximum back-up fuse	125 A gG
Mechanical service life	20 000 operation cycles
Electrical service life	10 000 operation cycles

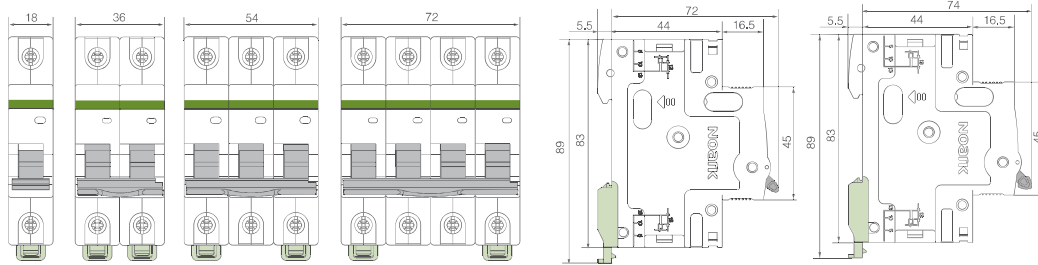
Mechanical parameters

Device width	18 mm (per pole)
Device height	83 mm (89 mm including rail clip)
Frame size	45 mm
Mounting	easy fastening onto 35 mm device rail (DIN)
Degree of protection	IP20
Terminals	combined lift + open mouthed
Terminal capacity	10 — 50 mm ²
Fastening torque of terminals	2 — 3,5 Nm
Busbar thickness	0,8 — 2 mm
Ambient temperature	-30 — +70 °C
Altitude	≤ 2000 m
Relative humidity	≤ 95 %
Resistance to humidity and heat	class 2
Pollution degree	2
Installation class	III
Weight	0.09 kg per pole

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Dimensions



Wiring diagrams

