

# Technical Data Ex9I125

## Isolators up to 125 A

### General parameters

Modular design
Main switches with isolation function
Built-in lock mechanism for OFF position

### Electrical parameters

Tested according to	IEC/EN 60947-3
Rated op. voltage	230/400 V AC
Rated frequency	50/60 Hz
Rated current $I_n$ AC-22A 230/400 V AC	16, 25, 32, 40, 63, 80, 100, 125 A
Number of poles	1, 2, 3, 4
Utilization category	AC-22A
Rated insulation voltage $U_i$	500 V
Rated impulse withstand voltage $U_{imp}$	6 kV
Rated short-time withstand current $I_{sw}$ , 1 s	$12 \times I_n$
Rated short-circuit making capacity $I_{cm}$ $I_n = 16, 25, 32$ A $I_n = 40, 63$ A $I_n = 80, 100, 125$ A	640 A 1 260 A 2 500 A
Maximum back-up fuse	160 A gG
Mechanical service life	20 000 operation cycles
Electrical service life	4 000 operation cycles

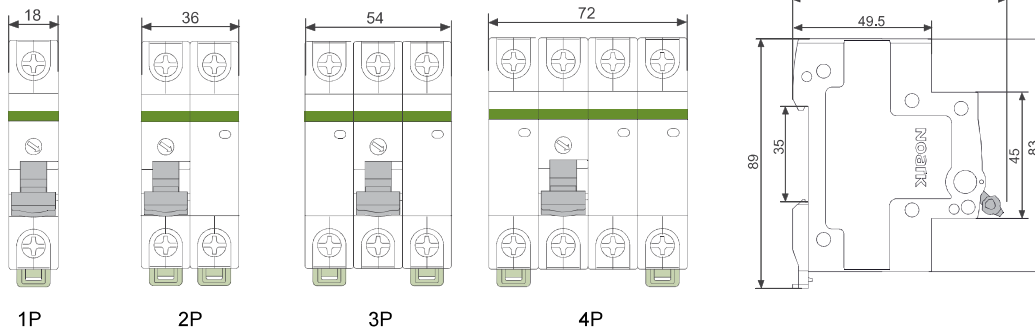
### Mechanical parameters

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	IP40, terminals IP20
Terminals	combined lift + open mouthed
Terminal capacity	10 — 50 mm <sup>2</sup>
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

