

# Technical Data Ex9I40

## Isolators up to 40 A

### General parameters

Modular design, width 1 MU only up to 4-pole version
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 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 $I_{cw}$ , 1 s	$12 \times I_n$
Rated short-circuit making capacity $I_{cm}$	$20 \times I_n$ (0.1 s)
Maximum back-up fuse	50 A gG
Mechanical service life	20 000 operation cycles
Electrical service life	4 000 operation cycles

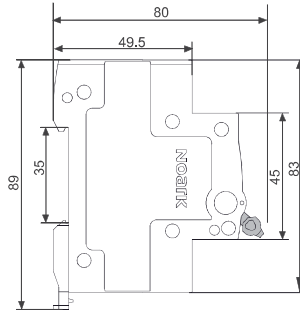
### Mechanical parameters

Device width	18 mm for all versions
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	lift
Terminal capacity	1 — 10 mm <sup>2</sup>
Fastening torque of terminals	1 — 1.5 Nm
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	0.06 kg

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### Dimensions



### Wiring diagrams

