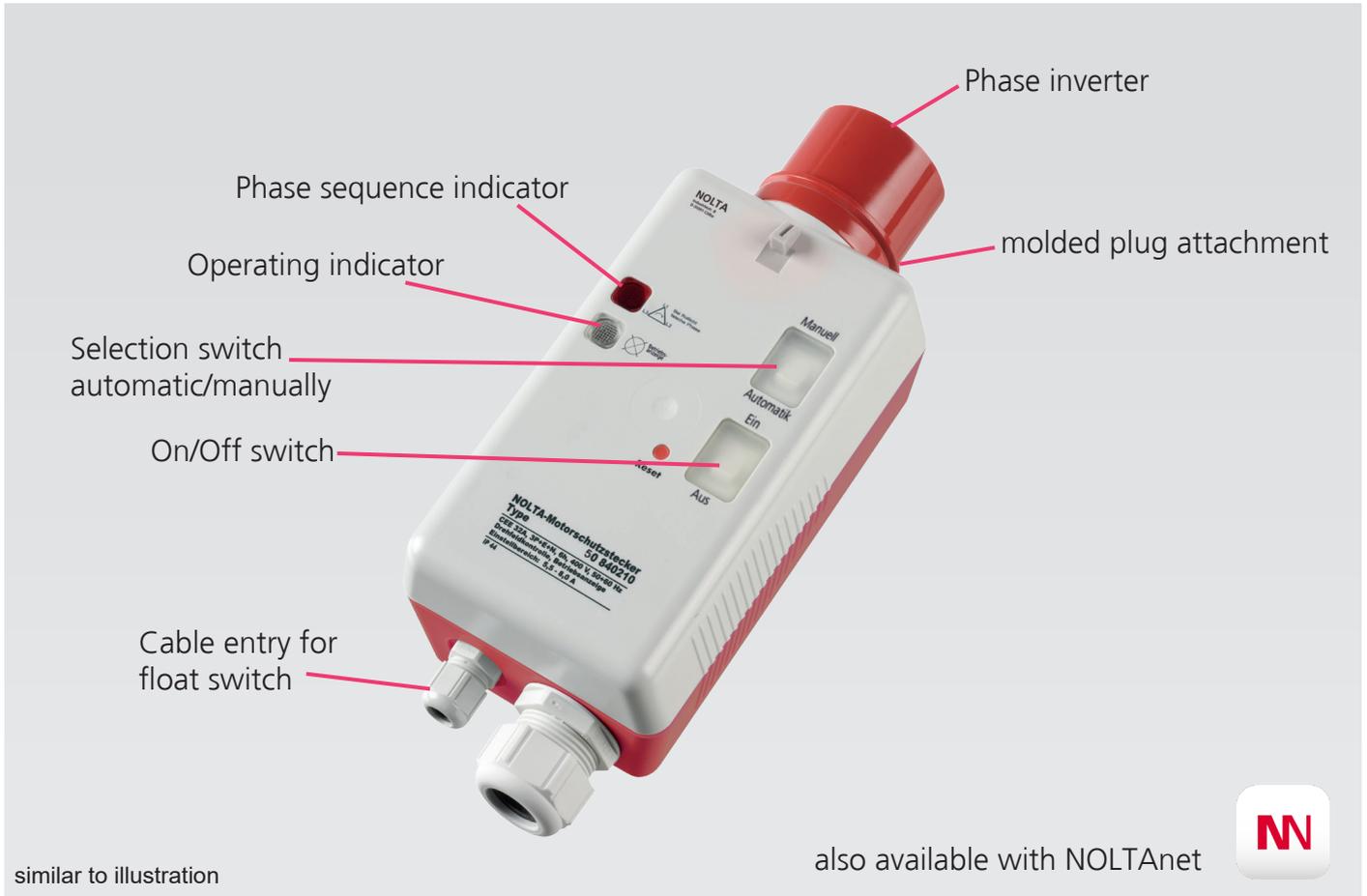




contactor combination



The NOLTA contactor combination has been specially designed for use in conjunction with portable, electromotive-driven apparatus, machines and devices and bundles the necessary protection and control technology for motors up to 5.5 kW in a compact, mobile housing. The contactor combination is available with a 16A or 32A CEE plug and a thermal contact connection. Optionally, phase inverter and phase-sequence indicator, operating indicator and various electronics such as leakage monitoring, phase-sequence monitoring, restart inhibitor or phase loss control can be integrated. A rocker switch can be used to choose between manual and automatic mode, so that the connected motor can be controlled, for example, using a level controller.

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Available versions

Voltage Frequency	Pins	Features	CEE		Without CEE
			16 A	32 A	
400 V, 6h, 50-60 Hz	3L+N+P		50 4241..	50 8241..	
	3L+N+P	Phase inverter + Phase sequence indicator	50 4253..	50 8253..	
	3L+N+P	Phase inverter + Phase sequence indicator / Operation indicator	50 4255..	50 8255..	
400 V, 50-60 Hz		Phase sequence indicator			50 9241..
		Phase sequence indicator + Operation indicator			50 9253..
					50 9255..

Available versions with additional electronics

400 V, 6h, 50-60 Hz	3L+N+P	Restart inhibit / Operation indicator	50 4702..	50 8702..	50 9702..
	3L+N+P	Failure indicator / 24V control voltage / Max. 8 A / restart inhibit	50 4800..	50 8800..	
	3L+N+P	Operation indicator / Leakage monitoring	50 4256..	50 8256..	50 9256..
	3L+N+P	Phase failure monitoring	50 4901..	50 8901..	50 9901..
	3L+N+P	Control panel with 2x MS1	500142..	500182..	
	3L+N+P	Control panel with 2x M2	500542..	500582..	

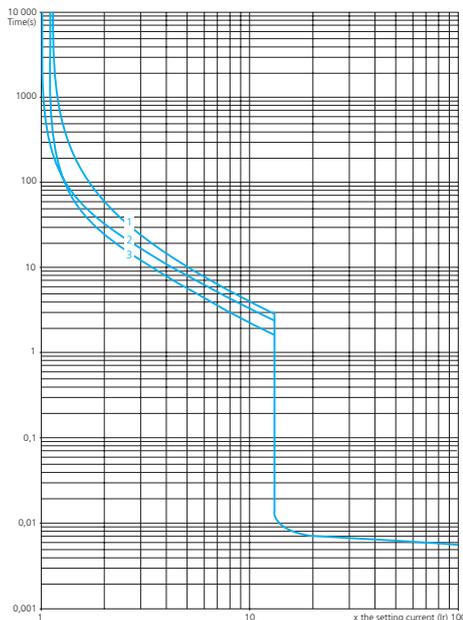
Adjustment range

Adjustment range	Max. Back-up fuse	Order-No. Addition
0.10 - 0.23 A	0,5 A	..01
0.23 - 0.36 A	1,0 A	..02
0.36 - 0.54 A	1,6 A	..03
0.54 - 0.80 A	2,0 A	..04
0.80 - 1.20 A	4,0 A	..05
1.20 - 1.80 A	6,0 A	..06
1.80 - 2.60 A	8,0 A	..07
2.60 - 3.70 A	10,0 A	..08
3.70 - 5.50 A	16,0 A	..09
5.50 - 8.00 A	20,0 A	..10
8.00 - 11.50 A	25,0 A	..11
10.50 - 14.00 A	32,0 A	..12

Technical data

Switch cycles	Max. 30 starts/h
Mech. Life span	10 ⁷ switching cycles
Operating voltage	400 V AC
Nominal operating current	0.1A - 14 A
Rated power AC3/400V	Max. 5,5 kW
Supply frequency	50 - 60 Hz
Temperature range	-20 - +50°C
Magn. Tripping	No
Therm. Tripping	Yes
Motor protection tripping	See tripping chart
Protection class	IP44
Supply	CEE-plug 16 A / 32 A
Cable entry	Motor: M 32 (11-21 mm) Control: M 16 (4,5 - 10 mm)
Cross sections of the main conductors	1 cable 1,5...4 mm ² rigid 2 cable 1,5...4 mm ² rigid 1 cable 0,75...4 mm ² flexible without end sleeve 2 cable 0,75...4 mm ² flexible without end sleeve 1 cable 0,34...2,5 mm ² flexible with end sleeve 2 cable 0,34...1,5 mm ² flexible with end sleeve
Housing	Polycarbonate (PC)
Dimensions	16A: 275 x 110 x 80 mm (L x W x H) 32A: 290 x 110 x 80 mm (L x W x H)
Weight	1.1 Kg

Tripping characteristics



- 1 3 poles from cold state
- 2 2 poles from cold state
- 3 3 poles from hot state

new design - even more advantages

Stable housing with a new shape design

- Molded plug attachment for maximum stability

Appealing color design with a signal effect

- Good visibility even when it is dirty