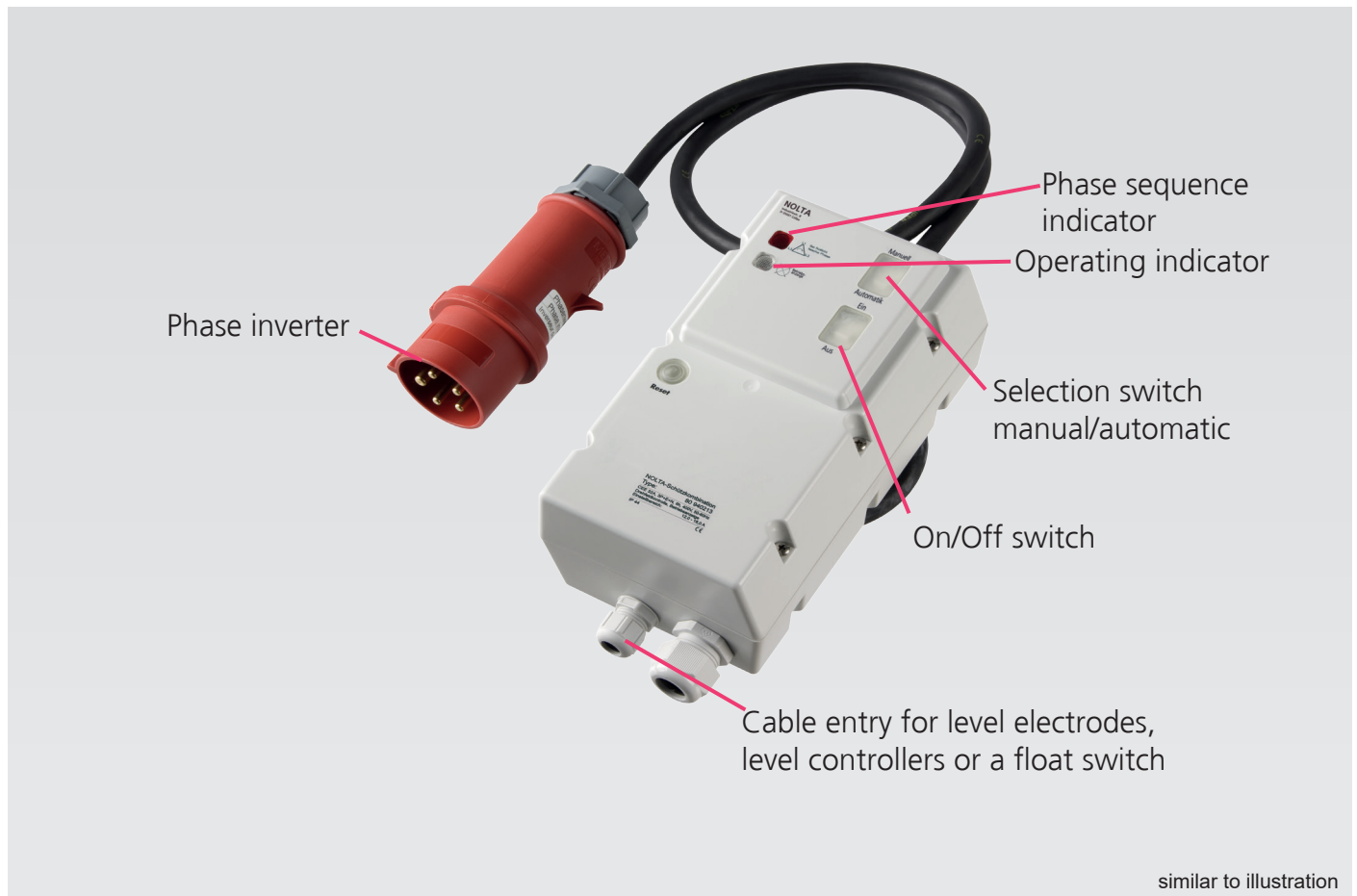




Contactor combination with level relay



The NOLTA contactor combination with level relay has been specially designed for use in connection with pumps. The combination of contactor, motor protection relay and level relay bundles the necessary protection technology with the control technology in a compact, mobile housing. With the integrated level relay, the connected pump can be controlled in automatic mode via level electrodes, level controllers or a float switch, the operating function can be switched between filling and emptying depending on the application. The connected sensors are operated with low voltage and are galvanically separated from the supply voltage.

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NOLTA Contactor combination with level relay

Available versions

Voltage Frequency	Plug Pins	Features	CEE	
			16 A	32 A
400 V, 6h, 50-60 Hz 400 V, 6h, 50-60 Hz	3L+N+PE	Phase inverter + Phase sequence indicator	80 4601..	80 8601..
	3L+N+PE	Phase inverter + Phase sequence indicator + Operating indicator	80 4602..	80 8602..

Adjustment range

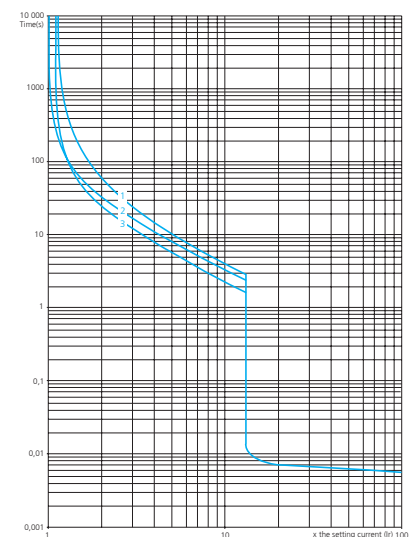
Adjustment range	max. Back up fuse	Order-No. addition
1.00 - 1.60 A	4,0 A	..06
1.60 - 2.50 A	6,0 A	..07
2.50 - 4.00 A	10,0 A	..08
4.00 - 6.00 A	16,0 A	..09
5.50 - 8.00 A	20,0 A	..10
7.00 - 10.00 A	20,0 A	..11
9.00 - 13.00 A	25,0 A	..12
12.00 - 18.00 A	35,0 A	..13*
16.00 - 24.00 A	50,0 A	..14*
23.00 - 32.00 A	63,0 A	..15*

* only available with CEE 32 A

Technical data

Switch cycles	Max. 30 starts/h
Mech. Life span	10 ⁷ switching cycles
Operating voltage	400 V AC
Nominal operating current	1A - 32A
Rated power AC3/400V	Max. 15 kW
Supply frequency	50 - 60 Hz
Temperature range	-20 - +50°C
Magn. Tripping	No
Therm. Tripping	Yes
Motor protection tripping	See chart below
Protection class	IP44
Supply	CEE-plug 16A / 32A
Cable entry	M32 (11-21 mm), M 20 (2 (3) x 5 mm) / (2 x 6 mm)
Cross sections of the main conductors	1 - 10 mm ² rigid/ 1 - 6 mm ² flexible / 16 - 10 AWG
Housing	Polycarbonate (PC)
Dimensions	325 x 145 x 140 mm (L x W x H)
Weight	2.5 kg

Tripping characteristics



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

Equipment *

Article	Typ	Articlenumber
Level-controller MS1	MS1	40 0001..
Float switch KR2	KR2	40 0035..
Level-electrode KS1	Level-electrode without labeling	27 0001..
Level-electrode KS1 "min"	Level-electrode with labeling "min"	27 0001...min
Level-electrode KS1 "max"	Level-electrode with labeling "max"	27 0001...max

* further usable level controllers and possible cable lengths on request or at www.nolta.de

