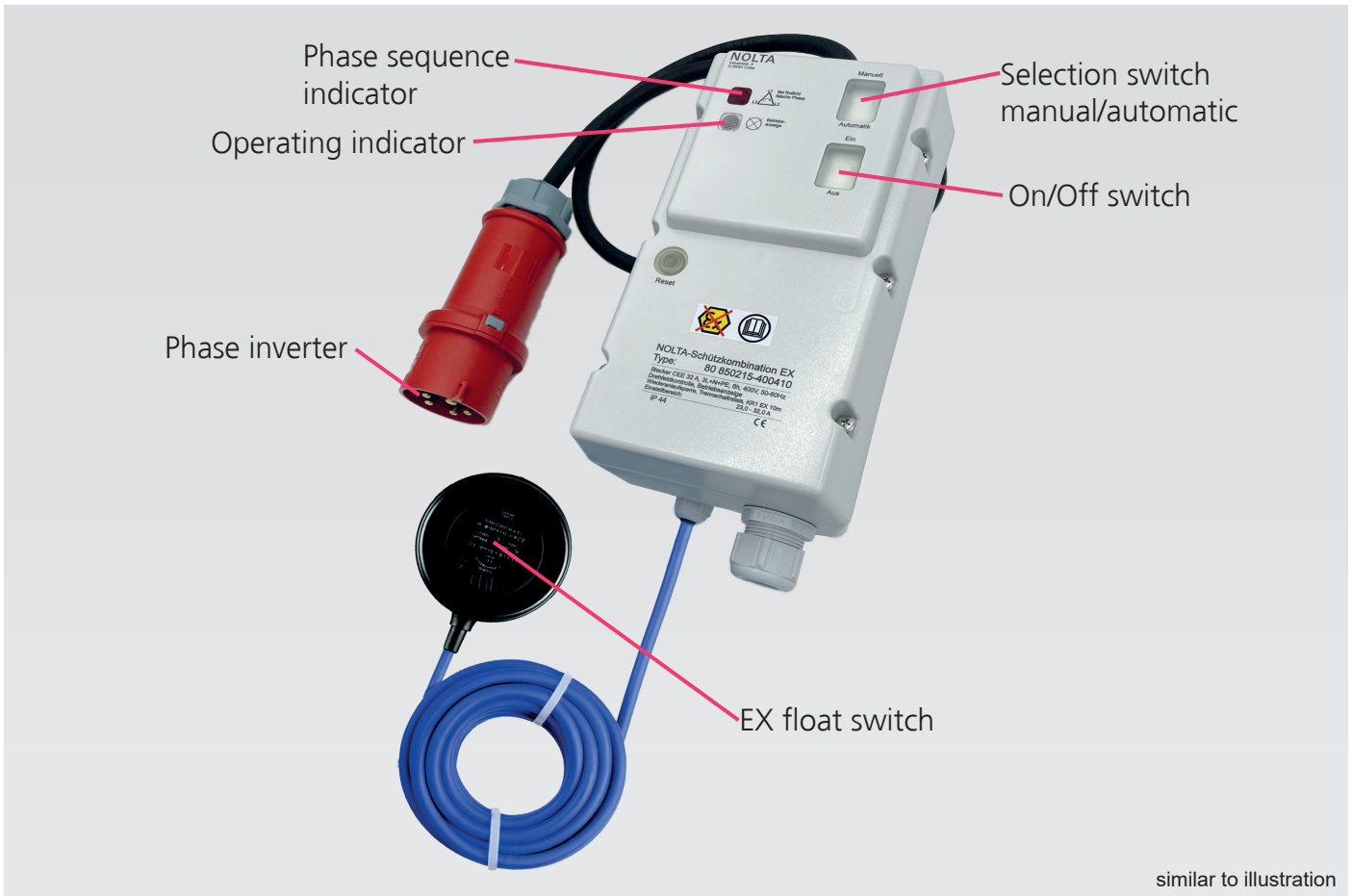




# Contactor combination EX



The NOLTA contactor combination EX has been specially designed for use in connection with portable, electric motor-driven pumps for the EX area and bundles the necessary protection and control technology for motors up to 15 kW in a compact, mobile housing. Pumps in the ATEX area may be switched with the contactor combination EX, provided that the contactor combination EX itself is outside the ATEX zone; it must be ensured that the connected motor is suitable for operation within the ATEX zone. The contactor combination EX is equipped with a 16A or 32A CEE plug, phase inverter, phase sequence indicator, operating indicator, thermal contact connection as well as a restart inhibit. A selector switch can be used to choose between manual and automatic mode so that the connected motor can be controlled via a float switch approved for the EX area. The EX contactor combination is delivered from the factory with a connected EX float switch with a cable length that can be selected.

## Nolta GmbH

Industriestr. 8  
35091 Cölbe  
Germany

Phone: +49 6421/98590  
Fax: +49 6421/985928  
info@nolta.de  
www.nolta.de



## Available versions

Voltage Frequency	Plug Pins	Features	CEE	
			16 A	32 A
400 V, 6h, 50-60 Hz	3L+N+PE	Phase inverter + Phase sequence indicator + Operating indicator	80 4502...-4004..	80 8502...-4004..

## 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

## EX float switch\*

Article	Cable type	Cable length	Order-No. addition
KR1 EX	TPK/TPE 4G0,75 mm <sup>2</sup>	10 m	..10
KR1 EX	TPK/TPE 4G0,75 mm <sup>2</sup>	20 m	..20

\* further possible cable lengths on request or at [www.nolta.de](http://www.nolta.de)



## Explanation of the order number:

Composition: Basic order number + addition for adjustment range + addition for EX float switch.

Example for 16 A CEE, adjustment range 9 - 13 A and float switch with 10 m cable:

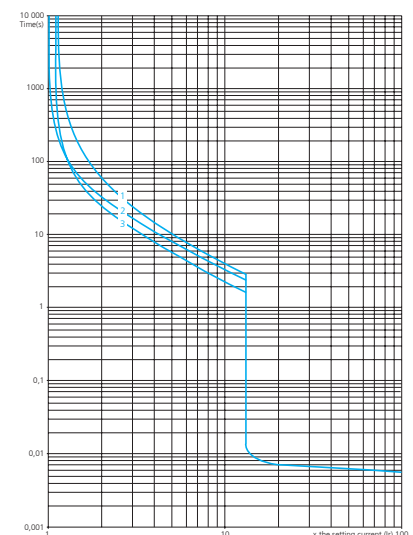
80 4502**12**-4004**10** — Cable length EX float switch

Adjustment range motor protection

## Technical data

Switch cycles	Max. 30 starts/h
Mech. Life span	10 <sup>7</sup> 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	-25 - +50°C
Magn. Tripping	No
Therm. Tripping	Yes
Motor protection tripping	See tripping chart
Protection class	IP44
Supply	CEE-plug 16A/32A
Cable entry	Motor: M 32 (11-21 mm) Control: M 20 (6 - 12 mm)
Cross sections of the main conductors	1 - 10 mm <sup>2</sup> rigid/ 1 - 6 mm <sup>2</sup> flexible / 16 - 10 AWG
Housing	Polycarbonate (PC)
Dimensions	325 x 145 x 170 mm (L x W x H)
Weight	approx. 3 kg

## Tripping characteristics



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