

Modules for proximity switches

for proximity switches with 2 and 3 conductors



Properties

- For 2- or 3-wire, NPN or PNP proximity switches (NPN has active 0 V, PNP has active plus)
- Clear, rational installation
- Marking area for each proximity switch 5 x 20 mm
- Marking area for the module 11 x 50 mm
- With green LED indicating on state
- Available with yellow LED indicating on state for proximity switches
- Connection through 3-step terminals which allow saving of space
- For clipping on mounting rails according to EN 60715 TH 35-7.5 and EN 60715 TH 35-15

Miscellaneous

For 2 wire probes, series 45415 (without LED) with integrated Pull-up resp. Pull-down resistances are recommended.

Technical data

Supply voltage range
Supply current
Load current through LED's
Color of the LED indicating on state
Max. signal current

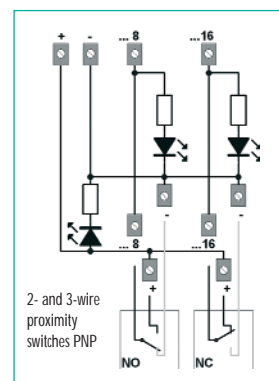
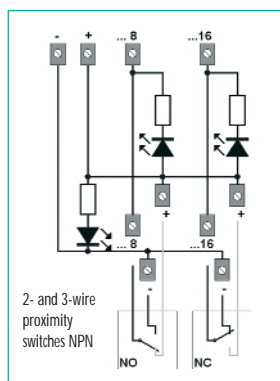
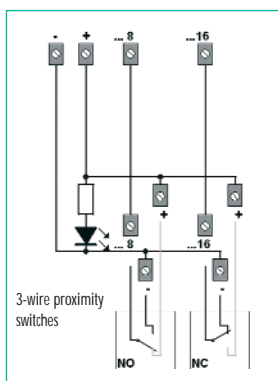
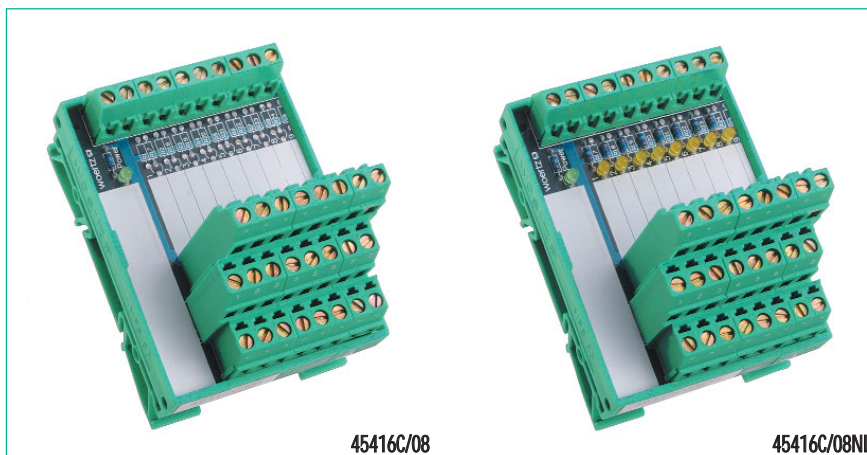
Connections per proximity switches

General data

Operating temperature range
Nominal cross section of connecting terminals
Size (H x D)

Order numbers

8-pole length 60 mm
16-pole length 100 mm



Neutral

12 - 40 V DC
max. 8 A

2 A / proximity switch
The sum of signal currents should not exceed 8 A
+ / - / Signal

-20°C up to +45°C
2.5 mm²
83 x 67 mm

45416C/08
45416C/16

NPN

12 - 40 V DC
max. 8 A
4 mA
yellow

2 A / proximity switch
The sum of signal currents should not exceed 8 A
+ / - / Signal

-20°C up to +45°C
2.5 mm²
83 x 67 mm

45416C/08NL
45416C/16NL

PNP

12 - 40 V DC
max. 8 A
4 mA
yellow

2 A / proximity switch
The sum of signal currents should not exceed 8 A
+ / - / Signal

-20°C up to +45°C
2.5 mm²
83 x 67 mm

45416C/08PL
45416C/16PL