



VARIMETER RCM

DOLD 

Split current transformer ND 5014 - Quick mounting, easy to retrofit

The new **split current transformers ND 5014** from the **VARIMETER RCM** series are suitable for residual current monitoring in conjunction with the **residual current monitor IL 5882**, for both alternating and pulsating direct currents in earthed mains. By opening the current transformers, they can be easily mounted on the conductors of the output to be monitored, thus enabling simple installation in existing plants or retrofitting measures. The split mechanism eliminates the need to cut or disconnect the conductors, thus minimizing costly interruptions to operation. Especially as the cutting of the conductors can lead to the fact that a new approval may have to be carried out for the plant. The compact current transformers are available in 3 sizes with a feed-through opening of \varnothing 49, 79 and 119 mm and allow vertical or horizontal mounting to the DIN rail.

The accuracy of a residual current measurement depends not only the quality of the products but also the suitable combination of measuring device and current transformer. DOLD also supplies appropriate residual current monitors for the split current transformer ND 5014. The monitoring devices IL 5882, SL 5882 and IP 5882 of the VARIMETER RCM series are particularly suitable for this purpose. Please do not hesitate to contact us for further information.

Advantages and customer benefits

- ▶ Ideal for retrofitting, no need to cut the conductors
- ▶ Due to split mounting ideally suited for existing plants
- ▶ Quick installation due to split technology
- ▶ High and reliable measuring accuracy up to 30 A
- ▶ Feed-through openings of \varnothing 49, 79 and 119 mm available
- ▶ Reliable connection technology through push-in terminal block
- ▶ Extensive program for residual current monitoring from one source

Our experience. Your safety.

Split current transformer ND 5014

Technical features

- ▶ According to IEC 61869-1 and IEC 61869-8
- ▶ Measurement according to IEC/EN 62020, Type A
- ▶ Up to 30 A
- ▶ Vertical and horizontal mounting to the DIN rail
- ▶ ND 5014/120 also with screw fastening

Order information

Standard type: ND 5014/050 Ø 49 mm
Item number: 0068614

Standard type: ND 5014/080 Ø 79 mm
Item number: 0068613

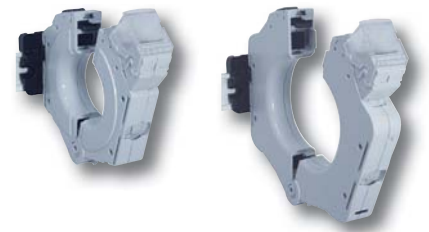
Standard type: ND 5014/120 Ø 119 mm
Item number: 0068565

Applications

- ▶ Railway and traffic technology
- ▶ Energy supply and distribution
- ▶ Communication technology equipment
- ▶ Computer centres and IT facilities
- ▶ Building and electrical installation technology

Wiring

The hinged cover protects the push-in terminal block and makes unintentional disconnection of the connection wiring more difficult ①. The removable push-in terminal block facilitates the mounting of the transformer ②. The stripping length of the conductors is 10 mm and the connection capacity is 0.2 ... 2.5 mm² ③.



ND 5014/050
Ø 49 mm

ND 5014/080
Ø 79 mm



ND 5014/120
Ø 119 mm

Suitable residual current monitors



IL 5882
Distribution enclosure
63 mm installation depth
35 mm width



SL 5882
Switch cabinet enclosure
100 mm installation depth
35 mm width



IP 5882
Distribution enclosure
63 mm installation depth
70 mm width
Cage clamp terminals
forcibly guided contacts



Further information

ND 5014

Start

Do you need further current transformers
for residual current monitoring?

ND 5016

www.dold.com

DOLD

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