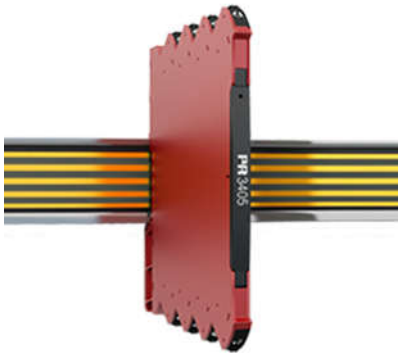
PERFORMANCE MADE SMARTER



Power connector unit

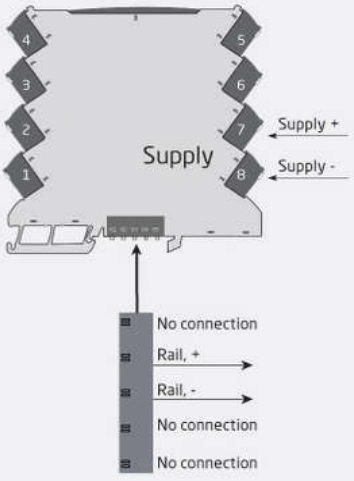
3405

– Slimline housing of 6 mm
– Supplies DIN rail from supply terminals
– Can pass up to 2.5 A
– Up to 100 units can be powered

Applications
- Power can be connected to the DIN rail from supply terminals.
- Alternatively a powered DIN rail can supply power to the terminals.
- Installation in ATEX Ex zone 2 / IECEx zone 2 / FM division 2.
- Suitable for environments with high vibration stress, e.g. ships.

Technical characteristics
- 3405 can pass up to 2.5 A
- With 3405, up to 115 units can be powered (85 units for 3111, 3112 & 3113).

Applications



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Order:

Type
3405

Environmental Conditions

Operating temperature..... -25°C to +70°C
Relative humidity..... < 95% RH (non-cond.)
Protection degree..... IP20

Mechanical specifications

Dimensions (HxWxD)..... 113 x 6.1 x 115 mm
Weight approx..... 65 g
DIN rail type..... DIN EN 60715/35 mm
Wire size..... 0.13...2.5 mm^2 / AWG 26...12 stranded wire
Screw terminal torque..... 0.5 Nm
Vibration..... IEC 60068-2-6
2...25 Hz..... ±1.6 mm
25...100 Hz..... ±4 g

Common specifications

Supply
Supply voltage..... 16.8...31.2 VDC
Internal power dissipation..... 0.25 W (max.)

Required external fuse..... 2.5 A

I.S. / Ex marking

ATEX..... II 3 G Ex nA IIC T4 Gc
IECEx..... Ex nA IIC T4 Gc
FM, US..... Cl. I, Div. 2, Gp. A, B, C, D T4 or Cl. I, Zone 2, AEx nA IIC T4
FM, CA..... Cl. I, Div. 2, Gp. A, B, C, D T4 or Cl. I, Zone 2, Ex nA IIC T4

Observed authority requirements

EMC..... 2014/30/EU
LVD..... 2014/35/EU

Approvals

ATEX 2014/34/EU..... KEMA 10ATEX0147 X
IECEx..... KEM 10.0068X
FM..... FM17US0004X / FM17CA0003X
UL..... UL 61010-1
DNV-GL Marine..... Stand. f. Certific. No. 2.4
EAC Ex TR-CU 012/2011..... RU C-DK.GB08.V.00410