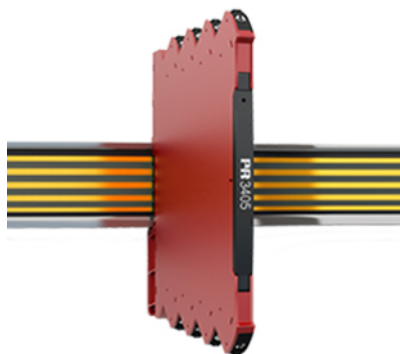




## Power connector unit

### 3405

- Slimline housing of 6.1 mm
- Supplies DIN rail from supply terminals
- Can pass up to 2.5 A
- Up to 100 units can be powered



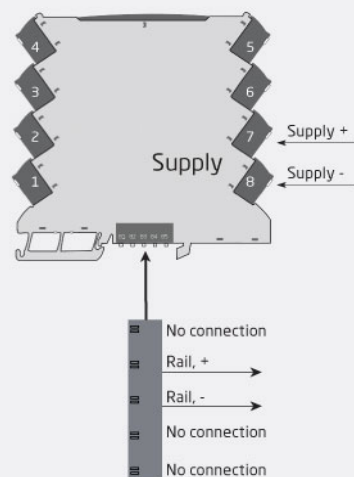
#### Applications

- 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 92 units can be powered (depending on the PR product type).

#### Applications



**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 <sup>2</sup> / AWG 26...12<br>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**

|                                 |                 |
|---------------------------------|-----------------|
| <b>Supply</b>                   |                 |
| 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 ec IIC T4 Gc                                              |
| IECEX.....  | Ex ec IIC T4 Gc                                                     |
| FM, US..... | Cl. I, Div. 2, Gp. A, B, C, D T4<br>or Cl. I, Zone 2, AEx nA IIC T4 |
| FM, CA..... | Cl. I, Div. 2, Gp. A, B, C, D T4<br>or Cl. I, Zone 2, Ex nA IIC T4  |

**Observed authority requirements**

|             |                              |
|-------------|------------------------------|
| EMC.....    | 2014/30/EU & UK SI 2016/1091 |
| LVD.....    | 2014/35/EU & UK SI 2016/1101 |
| ATEX.....   | 2014/34/EU & UK SI 2016/1107 |
| RoHS.....   | 2011/65/EU & UK SI 2012/3032 |
| EAC.....    | TR-CU 020/2011               |
| EAC Ex..... | TR-CU 012/2011               |

**Approvals**

|                          |                              |
|--------------------------|------------------------------|
| ATEX.....                | KEMA 10ATEX0147 X            |
| IECEX.....               | KEM 10.0068X                 |
| UKEX.....                | DEKRA 21UKEX0055X            |
| c FM us.....             | FM17US0004X /<br>FM17CA0003X |
| c UL us, UL 61010-1..... | E314307                      |
| EAC Ex.....              | RU C-DK.HA65.B.00355/19      |
| DNV Marine.....          | TAA00001RW                   |
| CCC.....                 | 2020322310003554             |