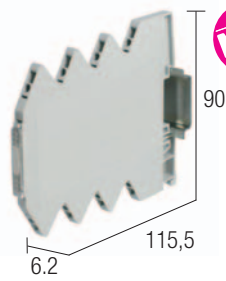


Analogue signal limit value switch

- 3 ways I/O 2.5 kV isolation
- programmable input ranges via dip-switch and customizable via software FDT/DTM
- 2 threshold customizable via software FDT/DTM
- Symple functions programming



Programming tool X756894

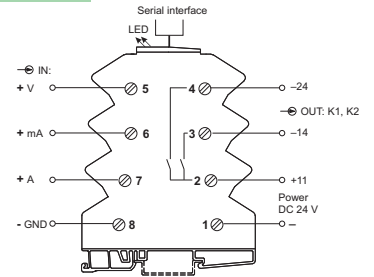
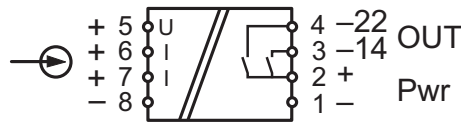


NOTES

The dimensions includes the DIN clamp.

- (1) Version with spring-clamp terminals available on request
- (2) Input temperature ranges can be set via dip switch and adjustable via FDT/DTM software.
Output ranges can be set via FDT/DTM software
- (3) 3-way isolation: IN / OUT/ supply

BLOCK DIAGRAM



| VERSION | Cod. X756360 | Cod. X756894 |
|--|--|--|
| With screw terminals (standard) | LCONALSFDT | |
| With spring terminals | (1) | |
| Programming tool | LCONZBUSB | |
| INPUT TECHNICAL DATA | | |
| Input signal (1) | -30...+30 V | -50...+50 mA |
| Input resistance | 330 kΩ | 30 Ω |
| Zero / Spam | adjustable via software FDT/DTM | |
| OUTPUT TECHNICAL DATA | | |
| Threshold regulation | programmable via software FDT/DTM | |
| Contact type | 2 NO contact (solid state relay) | |
| Max. switching voltage / current | 30 Vdc / 100 mA | |
| Status indication | 2 yellow LED | |
| Operating mode | limit value, window, tendency, inverting and hold function | |
| GENERAL TECHNICAL DATA | | |
| Supply voltage | 24 Vdc (16.8...30 Vdc) | |
| Rated current | 18 mA ± 10% @ 24 Vdc | |
| Accuracy | 0.1% FS | |
| Data processing | 24 Bit | |
| Linearity error | < 100 ppm FS | |
| Temperature coefficient | < 100 ppm/°C | |
| Response time | 1...500 ms (adjustable, default 30 ms) | |
| Isolation | 2.5 kVac / 60 s (3) | |
| EMC Standard | EN 50081-2, EN 50082-2 | |
| Reference Standard | IEC 664-1, DIN VDE | |
| Overvoltage category/Pollution degree | III / 2 | |
| Protection degree | IP20 | |
| Operating temperature range | -40...+70°C | |
| Connection terminal | 1.5 mm ² fixed screw type | |
| Housing material | Noryl UL94V-0 | |
| Approx. weight | 600 g | |
| Mounting information | vertical on rail adjacent without gap | |
| MOUNTING ACCESSORIES | | |
| Profilato d'appoggio a norma IEC60715/TH35-7.5 | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB | |
| Profilato d'appoggio a norma IEC60715/G32 | — | |
| Ponte di parallelo (16 poli, 16 A) | rosso bianco blu | CWBK 7-0802 cod. X766802 CWBK 7-0803 cod. X766803 CWBK 7-0804 cod. X766804 |

APPLICATIONS

CWTPR 7-0360 is an analog signal converter that provides high accuracy measurement and that can be connected to a wide range of analogue sensors. Input range and the output thresholds can be modified with a FDT/DTM software and an USB interface. Are available two normally open contact with solid state relay.