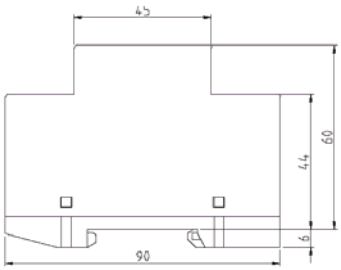
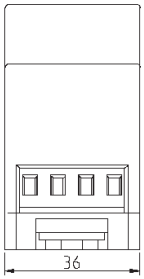
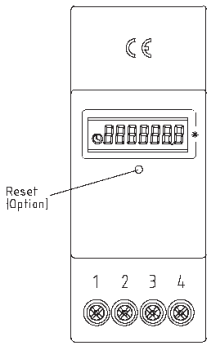

type 670.6.X.X

# Time or pulse counters for DIN-rail mounting, multi voltage 12 - 150 V DC and 24 - 240 V AC, overall height 60 mm

The basis of the digital time and pulse counter is a special ASIC-component which has been developed by BAUSER. The voltage range of 12 - 150 V DC and 24 - 240 V AC in only one unit is very particular to these time and pulse counters. Further advantages are the high visibility 7-digit-LC-display and a reset selection of: without, electrical or manual and electrical.




drawings

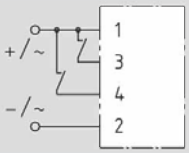
## Order specifications type range 670.6.X.X

**670.6.X.X**

- 1 hour counter
- 2 pulse counter

**Reset type**

- 1 without reset
- 2 with electrical reset
- 3 with manual or electrical reset




1 = DC "+" or AC
2 = DC "–" or AC
3 = Time and pulse counter input
4 = reset option

wiring diagram

## Technical specifications:

| | |
|---|---|
| **housing:** | plastic light grey RAL 7035 |
| **indication:** | LC-display, 7 digits (0.1 h resolution for hour counter) |
| **character height:** | 5 mm |
| **operating voltage (Ub):** | 12 V DC - 150 V DC und 24 V AC - 240 V AC ±10 % (in one unit) |
| **frequency:** | 50/60 Hz |
| **current consumption:** | 100 µA - 3 mA |
| **input resistance:** | approx. 120 kOhm (Count, Reset) |
| **protection (front):** | IP65 (without reset button)<br>IP40 (with reset button), screw IP20 |
| **ambient temperature:** | -10 °C bis +70 °C |
| **stocking temperature:** | -40 °C bis +80 °C |
| **electrical connection:** | Terminal Blocks (lift principle) with Philips-Head-Screw (+/- screw) in combination with slotted screw with 3 mm screwdriver size, 0-2.5 $mm^2$ fine wire or 0-4 $mm^2$ single wire |
| **max. torque:** | 0,5 Nm |
| **vibration resistance:** | 1 g (10...500 Hz) according to EN 60068-2-34 |
| **shock resistance:** | 30 g (18 ms) according to EN 60068-2-27<br>25 g (6 ms) according to EN 60068-2-29 |
| **EMC:** | EN 55011, EN 61000-6-2 |
| **industrial norm:** | EN 61010, protection class II |
| **approval:** | CE, UL, cUL |
| **reset:** | without, electrical or manual and electrical (sunk button, for example utilisable with ball point pen) |
| **weight:** | approx. 75 g |
| **counting frequency/ pulse counter:** | maximum 10Hz for AC signal voltage<br>optionally higher counting frequency at DC-version |
| **data storage:** | EEPROM (min. 25 years) |
| **fixing:** | snap-on fixing for DIN-rail according DIN EN 50022 |