



BW 70.29

- For DIN-rail mounting
- Flush mount dimensions 45 x 35 mm
- Bx 70.29: without terminal cover
- Bx 70.89: with terminal cover
- Screw terminals (pull-up type)
- Touch proof connections
- With operation indicator (flashing LED)
- One Version for 50 and 60 Hz

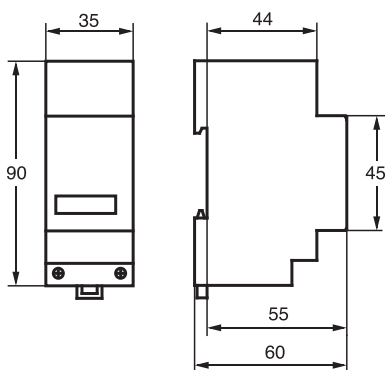
Save time switching controlling counting

Elapsed time counters BW/BG 70.29/70.89

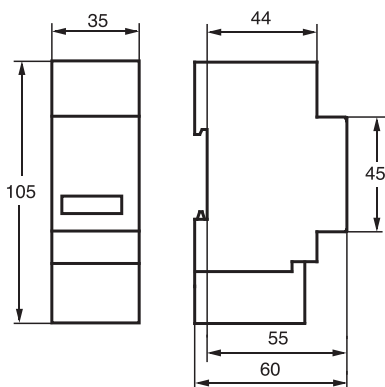
for DIN-rail or wall mounting · Alternating/Direct Current

[paladin 311 270-311 280/312 270-312 280]

Bx 70.29



Bx 70.89



BW 70.x9



BG 70.x9



Technical data

	BW 70.x9 paladin 311 2x0 Alternating current	BG 70.x9 paladin 312 2x0 Direct current
Supply voltages (please state when ordering)	230 V, 50–60 Hz (standard) 115 V, 50–60 Hz 24 V, 50–60 Hz	12–48 VDC
Special voltages	–	5–24 VDC, 36–120 VDC, 100–300 VDC
Other voltages	on request	–
Voltage tolerance	±15%	±10%
Power consumption (real power)	0,26 W	approx. 20 mW at 12 VDC
Counter capacity	99,999 h.	99,999 h.
Accuracy of reading	0.1 h.	0.1 h.
Numeral height	4.4 mm	4.4 mm
Numeral colour	white, decimal figure red	white, decimal figure red
Operation indicator (without reset)	flashing LED	flashing LED
Permitted ambient temperature	–15°...+55°C	–10°...+50°C
Enclosure	self-extinguishing thermoplastic	
Type of connection	Screw terminals	Screw terminals
Type of protection (DIN EN 60529)	IP 50 to DIN EN 60529	IP 50 to DIN EN 60529
Class of protection	II (when fitted in accordance with regulations)	III (up to 48 VDC)

Accessories

Terminal cover for Bx 70.29
(wall mounting)
003.008 Black
003.010 Grey



Order number	Version
▼ BW 70.29 / paladin 311 270	Alternating current, without terminal cover
▼ BG 70.29 / paladin 312 270	Direct current, without terminal cover
▼ BW 70.89 / paladin 311 280	Alternating current, with terminal cover
▼ BG 70.89 / paladin 312 280	Direct current, with terminal cover

▼ Housing colour