



BZ 142/143



BZ 142-3 with plug-in socket



BZ 145

BZ 142, BZ 143

Function:

- Runtime meter with synchronous motor drive
- For control panel installation or wall mounting
- Designs for direct voltage provided with quartz-controlled stepping motor
- Counters up to 99,999.99 hours
- Count display

Designs BZ 142-1, BZ 143-1:

- Front panel built-in devices with snap-on clamp or tension bracket up to 10 mm in wall thickness
- Terminal or flat plug connection 6.3 mm

Design BZ 142-3:

- with socket for wall mounting (terminal cover required)
- Socket with quick fastening device for 35 mm profile rail (DIN EN 50 022)
- Screw terminals
- Contact protection according to accident prevention regulation BGV A3
- Housing color anthracite

Design BZ 145:

- Standardized housing 45 x 35 x 60 mm according to DIN 43 880
- Distributor built-in device with quick fastening device for 35 mm profile rail (DIN EN 50022)
- Surface mounting with additional terminal cover, sealable
- Control panel installation using mounting kit no. 907 0 001
- Contact protection according to accident prevention regulation BGV A3
- Captive terminal screws

Technical data:

Rated voltage: 230 V~, ±10 %

Special voltage: see appendix

Frequency: 50 Hz

Device consumption: approx. 1 VA

Admissible ambient temperature

for BZ 142/143: -20 °C... +70 °C

for BZ 145: -10 °C... +70 °C

Counting range: 99,999.99 hours without zero position

Digit size: 1.5 x 3.5 mm,

white on black, decimal places black on white

Protection class: II according to EN 60335-1

when mounted in accordance with its designated use:

Types of protection for BZ 142/143:

Front frame IP 65 according to EN 60529

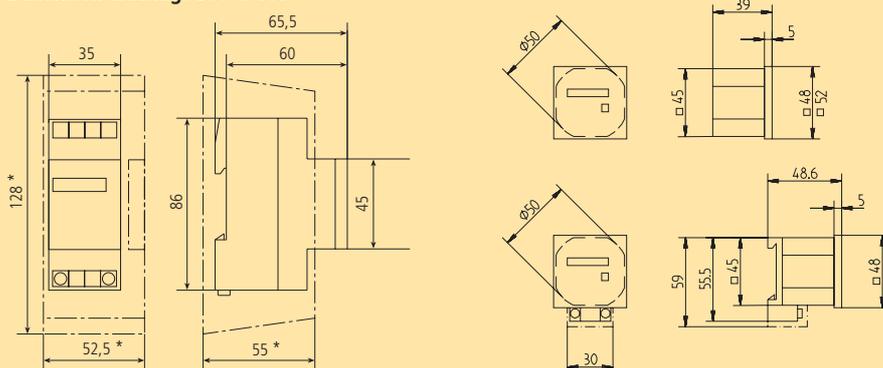
for BZ 145: IP 65 according to DIN EN 60529

Test voltage: 2500 V~ winding and contacts grounded

Weight for BZ 142/143: approx. 50 g

for BZ 145: approx. 70 g

Dimension drawings DIN 43 880



*with terminal cover

Type	Counting range	Installation	Front panel mm	Mounting recess mm	Order No.
BZ 142-1	99,999.99 h	Front panel installation with snap-on fastener or tension bracket (Order No. 907 0 043)	48 x 48	46 x 46	142 0 721
		Cover 72 x 72 mm for BZ 142-1			907 0 074
		Cover 55 x 55 mm for BZ 142-1			907 0 041
BZ 142-3	99,999.99 h	Socket (Order No. 907 0 042) with quick fastening for 35 mm standardized mounting rail included	48 x 48	46 x 46	142 0 723
		For wall mounting, an additional terminal cover is required			907 0 075
BZ 143-1	99,999.99 h	Front panel installation with snap-on clamp or tension bracket fastening (Order No. 907 0 043) included	52 x 52	46 x 46 or Ø 50	143 0 721
BZ 145	99,999.9 h	Distributor installation with quick fastening for 35 mm profile rail	35 x 45	35 x 45 (depth 60)	145 0 000
		Terminal cover for surface mounting, sealable			907 0 064