

TECHNICAL SPECIFICATIONS, DESCRIPTIONS and GENERAL FEATURES

- **Protection Degree:** IP 65 (EN 60529) (with connector)
- **Plug Connection:** DIN 46340-3 poles connectors (DIN 43650)
- **Connector Specification:** ISO 4400 / EN 175301-803, Form A, Spade plug
(Cable Ø 6-8 mm)
- **Electrical Safety:** IEC 335, EN 60335-1, EN 60204-1
- **Coil Insulation Class:** H (180°C)
- **Coil Impregnation:** Polyester Fiber-Resin Glass
- **Coil Encapsulation Material:** Fiber Glass Reinforced (V2)
- **Supply Voltages:** For AC (-) 12V, 24V, 48V, 110V, 230V
For DC (=) 12V, 24V, 48V, 110 V, 230 V
- **Voltage Tolerances:** For AC (-) or DC (=) % -10 ; % +10
- **Frequency:** 50 Hz
- **Coil Duty Cycle:** %100 ED, Continuously Rated
- **Min. And Max. Ambient Temperatures:** -20 °C; 70 °C
- Design according to DIN VDE 0580
- **On request; other special supply voltages, frequencies (60 Hz), other power, coil insulation class:** F (155°C), coil duty latching model, with electronic timer, Explosion-Proof coil for use in zones 1/21-2/22 (Eex em II T4/T5), coil encapsulation material can be fiber glass reinforced (V0 or V1)
- Coils can be rotated 360°
- High voltage tolerance
- High reliability, high quality, high performance
- Low power loss
- **Mounting position:** optional any position but preferably solenoid coil vertical on top

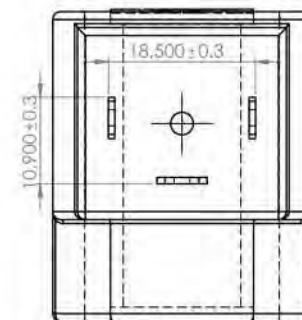
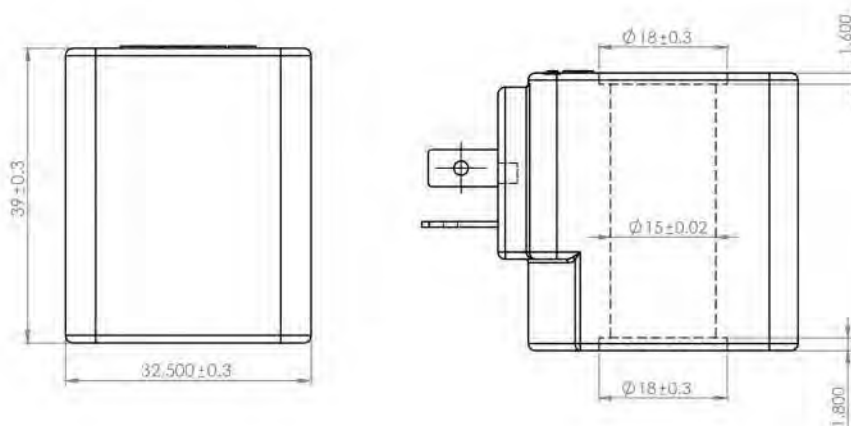


IP 65	Wide Voltage Range	Coil Rotatable 360°	%100 Quality Control
Low Power Loss	High Voltage Tolerances	High Reliability	Long Life



GUARANTEE CERTIFICATE

Power Consumption							
Alternating Current (AC)				Direct Current (DC)			
Model No	Voltage	Inrush (VA)	Holding (VA)	Model No	Voltage	Cold (W)	Hot (W)
ECO 10.AC.012	12V	30	18	ECO 10.DC.012	12V	16	12
ECO 10.AC.024	24V	30	18	ECO 10.DC.024	24V	16	12
ECO 10.AC.048	48V	30	18	ECO 10.DC.048	48V	16	12
ECO 10.AC.110	110V	30	18	ECO 10.DC.110	110V	16	12
ECO 10.AC.230	230V	30	18	ECO 10.DC.230	230V	16	12



A01-01

ECO 10