TECHNICAL SPECIFICATIONS, DESCRIPTIONS and GENERAL FEATURES

- **Protection Degree:** IP 65 (EN 60529) (with connector)
- **Plug Connection:** DIN 46340-3 poles connectors (DIN 43650)
- **Connector SpeciŞcation:** 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, Continously 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 Şber 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