

**TECHNICAL SPECIFICATIONS, DESCRIPTIONS and GENERAL FEATURES**

- **Protection Degree:** IP 65 (EN 60529) (with connector)
- **Plug Connection:** DIN 46340-3 poles connectors (DIN 43650)
- **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 25.AC.012	12V	8,5	5	ECO 25.DC.012	12V	5,5	4
ECO 25.AC.024	24V	8,5	5	ECO 25.DC.024	24V	5,5	4
ECO 25.AC.048	48V	8,5	5	ECO 25.DC.048	48V	5,5	4
ECO 25.AC.110	110V	8,5	5	ECO 25.DC.110	110V	5,5	4
ECO 25.AC.230	230V	8,5	5	ECO 25.DC.230	230V	5,5	4

