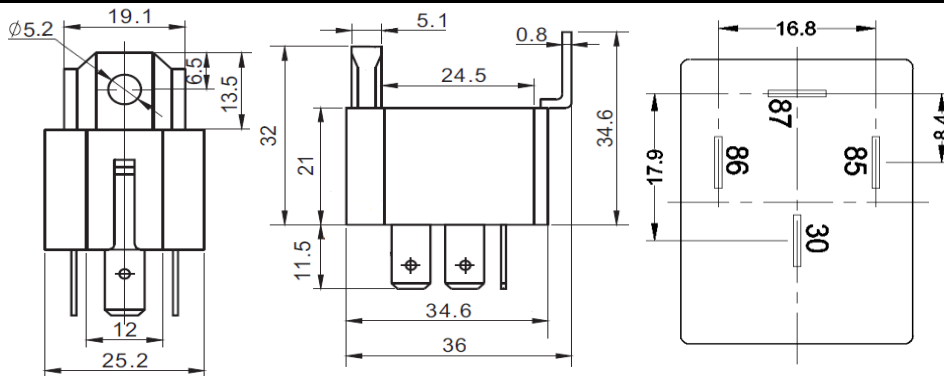


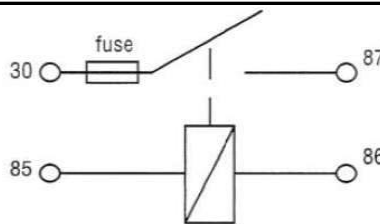
| | |
|---|--------------------|
| Description | Part Number |
| 12V 30A 4 PIN RELAY with Fuse & Plastic Bracket | SR1244 |

Dimensions (Unit: mm)



Wiring Diagram

SR1244



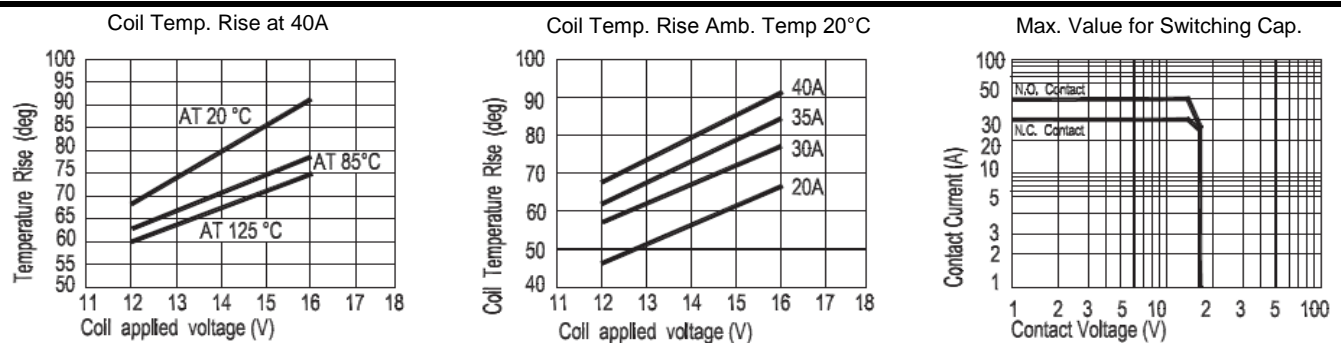
Electrical Characteristics

| | | | |
|--------------------------------------|-----------------|--------------------------------------|------------|
| Nominal Voltage (U _N) | 12V | Nominal Current | 30A / 14V |
| Operating Voltage (U _{OP}) | 9-15V | Max. Cont. Current | 30A |
| Contact Resistance | ≤30mΩ | Max.Switching Current ON | 60A |
| Pull In Voltage | ≤7.8 V | Max.Switching Current OFF | 30A |
| Pull-Off Voltage | 1≤V≤5 | Insulation Resistance | 100 MΩ min |
| Coil Power Consump. | 1,8W | Dielectric Strength Between Contacts | 50Hz 500V |
| Coil Resistance (Ω ± %10) | 80 Ω | | |
| Operation Life (Electrical) | 10 ⁵ | Terminals Strength | 90N |

Mechanical Characteristics

| | | | | |
|-----------------------------|---------------------------|-----------|----------------|--------------------|
| Contact Material | AgSnO ₂ | Terminals | CuZn 9,5x0,8mm | |
| Contact Operate Time | ≤7ms | | CuZn 6,3x0,8mm | |
| Contact Release Time | ≤5ms | | Fixed Contact | AgSnO ₂ |
| Operation Temperature | -30..+85°C | | Moving Contact | AgSnO ₂ |
| Relative Humidity | %85 (at 40°C) | | Coil | Oxygen Free Copper |
| Shock Resistance | 147 m/s ² 11ms | | Base Plate | Nylon PA6,6 |
| Operation Life (Mechanical) | 10 ⁷ | | Cap | Nylon PA6,6 |
| Mass | 32g | | | |

Reference Data



Additional Data

| | | | |
|---------------------|----------|----------------|-----------------|
| In conformity with: | ISO 7588 | DIN 46244 | 2002/95/EC RoHS |
| | ISO 8092 | DIN 40050:IP54 | 10 ECE-ONU/02 |