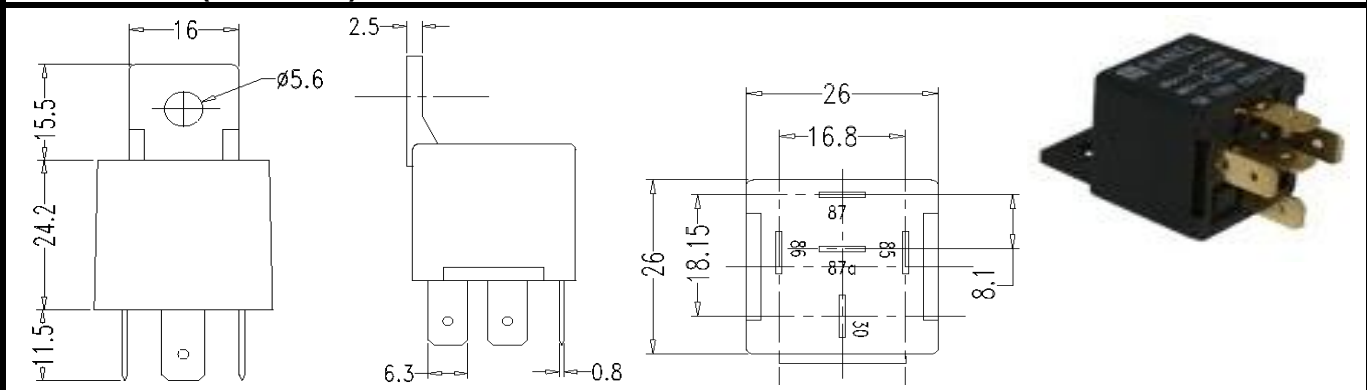
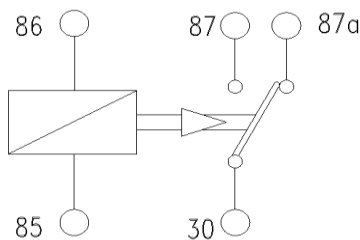


Dimensions (Unit: mm)



Wiring Diagram



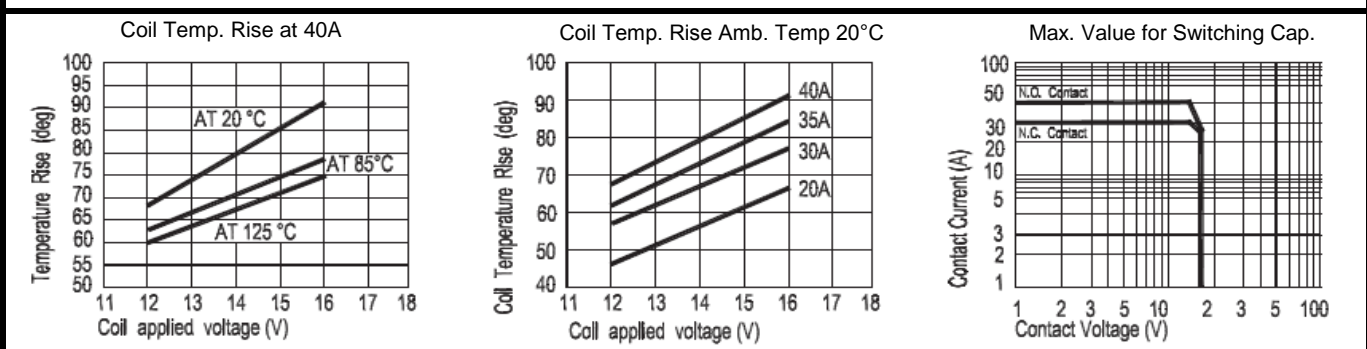
Electrical Characteristics

| | | | |
|---------------------------------------|-------------------|--------------------------------------|------------------|
| Nominal Voltage (U_N) | 12V | Nominal Current | 40A, 50A / 14V |
| Operating Voltage (U_{OP}) | 9-15V | Max. Cont. Current | 40A N/C 50A N/O |
| Contact Resistance | $\leq 30m\Omega$ | Max. Switching Current ON | 40A N/C 80A N/O |
| Pull In Voltage | $\leq 9,6V$ | Max. Switching Current OFF | 40A N/C 50A N/O |
| Pull-Off Voltage | $1 \leq V \leq 5$ | Insulation Resistance | 20M Ω min |
| Coil Power Consump. | 1,6W | Dielectric Strength Between Contacts | 50Hz 500V |
| Coil Resistance ($\Omega \pm \%10$) | 90 Ω | Terminals Strength | 90N |
| Operation Life (Electrical) | 10^5 | | |

Mechanical Characteristics

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

Reference Data



Additional Data

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