



O/E/N 35-H HEAVY DUTY POWER RELAY

- High Performance
- Direct PCB type
- Heavy Duty
- Cost Effective

SPECIFICATIONS

| | |
|---------------------------------|---|
| Contact Arrangement | : 1 Form A |
| Contact Material | : Silver Cadmium Oxide Silver Tin Oxide |
| Contact Rating | |
| 35HA @ 12VDC | : 40A |
| @ 24VDC | : 20A |
| @230VAC | : 10A |
| 35HB (lamp) @ 12VDC | : 40A |
| @24VDC | : 20A |
| Contact Voltage Drop at 10A | : Initial 60mV approx |
| Nominal Coil Power | : 1.6 W (approx) |
| Operating Power | : 0.9 W (approx) |
| Life Expectancy | |
| Mechanical | : 10 ⁷ operations |
| Electrical | : 10 ⁵ operations |
| Dielectric Strength | : 500 VRMS |
| Insulation Resistance | : 100 Meg.Ohms at 500 VDC, 25 ⁰ C, RH50 |
| Operate time at Nominal Voltage | : 10 milli sec.(Typ) |
| Release time at Nominal Voltage | : 5 milli sec.(Typ) |
| Ambient Temperature | : -40 ⁰ C to +85 ⁰ C |
| Weight | : 25 gms (approx) |

Recommendations

For Resistive & Motor Load : Silver Cadmium Oxide
For Head lamp & Indicators : Silver Tin Oxide

Typical applications

Direction Indicators, Air Conditioning, Ventilation Motor, Head Lamp etc.

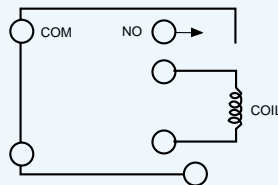
All dimensions are in mm. Specifications subject to change without notice.

COIL DATA

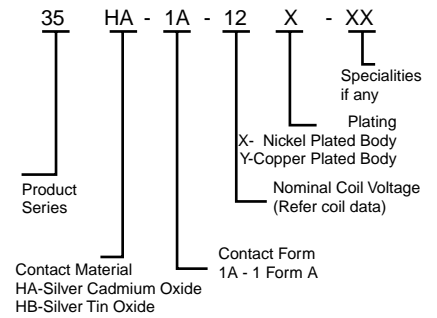
| Nominal Voltage VDC | *Pick-up Voltage VDC (Max) | Drop-out Voltage VDC (Min) | Coil Resistance Ohms ± 10% |
|---------------------|----------------------------|----------------------------|----------------------------|
| 6 | 5 | 0.6 | 35 |
| 9 | 7 | 0.9 | 55 |
| 12 | 9 | 1.2 | 88 |
| 18 | 14 | 1.8 | 260 |
| 24 | 18 | 2.4 | 400 |
| 48 | 36 | 4.8 | 1700 |

*Lower pick-up voltages available on request

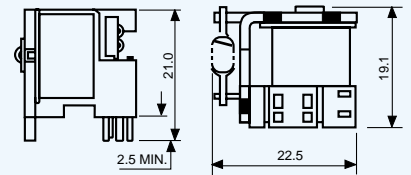
CIRCUIT DIAGRAM



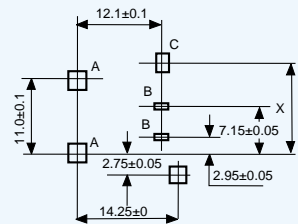
HOW TO ORDER



DIMENSIONS



DRILLING PATTERN



| DIM - X | SLOT - A | SLOT - B | SLOT - C |
|----------|----------------|------------------------------|------------------------------|
| 13.3±0.1 | +0.1 1.9 SQ | +0.1 1.9 X +0.1 1.2 | +0.1 1.8 X +0.1 1.2 |

Note:

For holes in place of slots use Ø2.6 holes instead of slots "A" & Ø2.4 holes instead of slots "B & C"