

D E S C R I P T I O NPRODUCT COVERED:

USR, CNR - Component - Magnetic Motor Controllers for Industrial Use, Relay Type OZ, OZF, or OZT, followed by -S, -SS or -SH, followed by -1, followed by 03 through 48, followed by D or L, may be followed by M or B, may be followed by 1, may be followed by P or F, may be followed by up to 4 letters and/or numbers.

GENERAL:

This device is an open-type switch with single pole, single or double throw, normally open, normally closed contact configuration intended for use in industrial applications.

RATINGS:

Contact - 1 HP at 240 V AC, 1/2 HP at 120 V AC
1/2 Hp, 120 V ac, 70°C, 100,000 cycles- AgCdO contacts
only
20 A at 120 V ac Resistive
16 A at 240 V ac Resistive
**N.O. 16.7 A, 240 Vac, Resistive, 105°C, 100,000 cycles, -1
suffix (AgSnOInO contacts) only, -F suffix (Class F
insulation) only**
20 A at 120 V ac General Use
TV-8, 125 V ac, N.O. only
N.O. 16 A, 240 V ac General Use, 105°C, 100,000 cycles
N.C. 16 A, 240 V ac General Use, Carry Only, 105°C
3.2FLA / 18LRA, 120 VAC, 30,000 cycles, NO Contacts Only
1/2 Hp, 120 V ac, 70°C, 100,000 cycles, N.O., AgSnOInO
contacts only

Coil - 3 through 48 V DC.

NOMENCLATURE:

The significance of the alphanumeric marking system is explained as follows:

| | | | | | | | | | | | |
|----------------|---|-----------------|------------------|------------------|---------------|----------------|-----------------|------------------|----------------|---------------|-------------------|
| $\frac{OZ}{I}$ | - | $\frac{SS}{II}$ | $\frac{-1}{III}$ | $\frac{-06}{IV}$ | $\frac{D}{V}$ | $\frac{M}{VI}$ | $\frac{1}{VII}$ | $\frac{P}{VIII}$ | $\frac{F}{IX}$ | $\frac{C}{X}$ | $\frac{XXXX}{XI}$ |
|----------------|---|-----------------|------------------|------------------|---------------|----------------|-----------------|------------------|----------------|---------------|-------------------|

- I. Basic Model Designation:
 - OZ - Standard terminals
 - OZF - Quick-connect terminals
 - OZT - Special Type; 1 Form A and AgSnOInO contacts only
- II. Sealing:
 - S = Solder Flux Type
 - SS = Flow Solder Type
 - SH = Washable Type
- III. Contact Form:
 - 1 = Single Pole
- IV. Coil Voltage:
 - 3 through 48 V dc
- V. Coil Sensitivity:
 - D - General Sensitivity
 - L - High Sensitivity
- VI. Contact Configuration:
 - Blank = 1 Form C
 - B = 1 Form B
 - M = 1 Form A
- VII. Contact Material:
 - Blank - Silver Cadmium Oxide (90% Ag, 10% CdO)
 - 1 - Silver Tin Oxide/Indium Oxide (91% AgSnO, 9% InO)
- VIII. Terminal Construction:
 - Blank - Thin terminals
 - P - Installed by print terminal
- *
- IX. Insulation System Designation:
 - Blank = Class 105 System
 - B = Class 130(B) System
 - F = Class 155(F) System
- X. Case Style:
 - Blank - Standard
 - C - Clear Case - denotes use of Idemitsu Kosan Co., Ltd., Type (#)1700(+)(f2)
- XI. May be followed by up to 4 numbers and/or letters which do not represent electrical changes. They are for specific customer requirements and/or electrical testing.