

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

USR, CNR - Motor Controllers, Magnetic, Type OMIH, followed by -SH or -SS, followed by -1, followed by -03 through -48, followed by D or L, followed by M, followed by blank, may be followed by up to five numbers and/or letters.

GENERAL:

These devices are open-type, single-pole, single-throw, magnetic-motor controllers, provided with normally open contacts.

RATINGS:*Contacts -

AgSnOInO

16 A, 24 V dc, resistive (NO only)

16 A, 240 V ac, general use

16 A, 250 V ac, resistive (NO only), 30,000 cycles, 85°C

1/3 hp, 120 V ac

Coil - 3 through 48 V dc

NOMENCLATURE:

Example:

OMIH	-SH	-1	-03	L	M	1	C	-XXXXX
I	II	III	IV	V	VI	VII	VIII	IX

I - Basic Model Designation:

II - OMIH Sealing:

SS: Flow Solder Type
SH: Washable Type

III - Contact Form:

1 - single pole

IV - Coil Voltage

03: 3 V dc
05: 5 V dc
06: 6 V dc
09: 9 V dc
12: 12 V dc
18: 18 V dc
24: 24 V dc
48: 48 V dc

V - Coil Resistance:

D: General Sensitivity - 720mW
L: High Sensitivity - 540mW

VI - Contact Type:

M: 1 Form A (single pole, normally open contact)

VII. Contact Material:

Blank: AgSnOInO

VIII. Case Style:

Blank: Standard
C: Clear Case - denotes use of Idemitsu Kosan Co., Ltd., Type
(#)1700 (+) (f2).

IX - Additional Numbers and/or Letters:

*May be followed by up to **five** numbers and/or letters which do not represent electrical changes.

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

USR indicates that the product has been found to comply with Industrial Control Equipment standard, UL 508, and CNR indicates that the product has been found to comply with Canadian National Standard CSA C22.2 No. 14-05 "Industrial Control Equipment."

This component has been judged on the basis of required spacings in the Standard for Industrial Control Equipment, UL 508, Fourteenth Edition, Paragraph 47.7, which covers the end-use product for which the component was designed.

Conditions of Acceptability -

1. These devices should be used within their Recognized ratings as specified above.
2. The cover and base were not evaluated as enclosure parts.
3. The printed wiring board terminals were evaluated for factory wiring only.