

DESCRIPTION

PRODUCT COVERED:

USR/CNR - Component - Industrial Control Switches, Type PCH, followed by -1, followed by 03 through 48, followed by D or L, followed by 2, followed by blank or M, followed by blank or H, followed by blank or A, may be followed by additional numbers and/or letters.

GENERAL:

The devices are open type, magnetically operated, single-pole single-throw relays with normally open contacts or single-pole double-throw relays with normally open and normally closed contacts.

RATINGS:

10 A, 125 V ac Res., 80,000 cycles, N.O.
5 A, 277 V ac Res., 6,000 cycles, 70°C, N.O.
3 A, 277 V ac Res., 6,000 cycles, 70°C, N.C.
TV-3, 120 V ac, N.O. only.
3 A, 277 V ac Res., 6,000 cycles, N.O.
1/10 hp, 120 V ac, 6,000 cycles, N.O.
4LRA/2FLA, 120 V ac, 100K cycles, 105°C, N.C.
4LRA/4FLA, 120 V ac, 100K cycles, 105°C, N.O.
7 A, 120 V ac, Resistive, 30,000 cycles, 70°C
3 A, 120 V ac, Tungsten, 6,000 cycles, 70°C, N.O.
2 A, 120 V ac, Tungsten, 6,000 cycles, 70°C N.C.
Pilot Duty:
N.O., 120 V ac, 30A Make, 3A Break
N.O., 240 V ac, 15A Make, 1.5A Break
10 A, 250 V ac, Resistive, 6,000 cycles, 85°C, N.O.
5 A, 250 V ac, General Use, 100,000 cycles, 85°C, N.O.
5 A, 250 V ac, Resistive, 6,000 cycles, 85°C, N.C.
5A, 30V dc Res., 6,000 cycle, N.O.
3A, 30V dc Res., 6,000 cycle, N.C.
5A, 250V ac Res., 50,000 cycles, 105°C, N.O., only for PCH-1xxL2 (class F) series, Coil voltage only 03 through 24Vdc.

Models with suffix "A" are suitable for use in a maximum 40°C ambient.

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NOMENCLATURE:

PCH	-	1	12	D	2	M	H	A	XXX
I		II	III	IV	V	VI	VII	VIII	IX

- I. Basic Model Designation: PCH Series**
- II. Number of Poles: 1**
1-1 pole
- III. Coil Voltage:**
3 V dc through 48 V dc
- IV. Coil Sensitivity:**
D - General sensitivity (400 mW) - For 3 A, 277 V ac and TV-3 Contact Ratings
L - High Sensitivity (200 mW)
- V. Contact Material:**
2 - AgSnO
- VI. Contact Arrangement:**
Blank - 1 Form C (SPDT)
M - 1 Form A (SPST-NO)
- VII. Sealant:**
Blank - Vent (Flux-tight) Plastic Cover
H - Sealed plastic case
- VIII. Insulation Class:**
Blank or WG - Class 155(F) System
A - Class 105(A) System
- IX. Additional Numbers and/or Letters:**
May be followed by up to four numbers and/or letters which do not represent electrical changes.