



NKCR.E173970 Auxiliary Devices

Auxiliary Devices

Guide Information

**ROCKWELL AUTOMATION/
ALLEN-BRADLEY**
2 EXECUTIVE DR
CHELMSFORD, MA 01824 USA

E173970

Compact hinge operated switch, Model Ensign.

Compact tongue operated switches, Models Cadet, Cadet GD2.

Interlock relays, Minotaurs Models CU1, CU2, CU3, Ferrocode & Ferrotek, MSR5T, MSR6R/7, MSR7, MSR8T, MSR9T, MSR10R/D, MSR11R, MSR12T, MSR14T, MSR15D, MSR16R/T.

Interlock switches, Models Atlas 4, Atlas 5, Spartan.

Limit switches, Type 802B-C, followed by S or P, followed by A or d, followed by A, A1, A2, B, B1, C, D or D1, followed by B or X, followed by S, followed by L or X, followed by C1, C2, C3, C4, C5, C6, C7, C8, C9 or C10, may be followed by D4 or R4, may be followed by S, may be followed by additional letters and/or numbers; Type 802B-P, followed by S or F, followed by blank, A, A1, A2, B, B1, C, D or D1, followed by D or D1, followed by B, D, D1, R1 or R2, followed by B or X, followed by blank or SX; 802B-S followed by S or F, followed by blank, S, P, followed by A, followed by B, D, D1, H, H1, R1, R2 or R3, followed by B or X, followed by blank or SX; Types 802E-B63P2, -B63P2-S10, -B64P2, -B64P2-S10, -B65P2, -B65P2-S10, -B66P2, -B66P2-S10, 802E-E64M2, -E64M2-S7, -E67M2, -E67M2-S7, 802E-R64M2, -R64M2-S10, -R67M2, -R67M2-S10.

Magnetically actuated interlock switch, Cat. No. SIPHA.

Miniature hinge operated switches, Cat. Nos. Sprite 1, -2.

Miniature tongue operated switches, Cat. Nos. Elf 1, -2.

MT GD2 latch release switch-tongue operated safety interlock switches, Part Nos. 440K-MT55034, 440K-MT55035.

MT GD2 switch tongue operated safety interlock switch, Part No. 440K-MT55001.

Relays, Models MSR-101, -111, -112, -113, -115, -116, -117, -118, -121, -121S, -122, -123, -124, -126, -127, -128, -131, -138.

Models MSR-125H/HP, MSR210P, -211P, -220P, -221P, -230P.

Solenoid locking switches , Cat. Nos. Titan TLS-GD2, TLS-1, -2, -3.

Switch 3 pole, 6 terminal devices , Cat. Nos. Lifeline 4, Trojan 5.

*Acceptable for machine tool applications only.

LOOK FOR LISTING MARK ON PRODUCT

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NKCR.GuideInfo Auxiliary Devices

[Industrial Control Equipment] (Motor Controllers) Auxiliary Devices

GENERAL

This category covers machine-operated switches, magnetically-operated control switches, miscellaneous manually-operated switches, push-button stations (including parts such as pilot lights and selector switches), thermal and magnetic overload relays, and time-delay relays.

These devices are for use in control circuits of magnetic motor controllers and the like. Such devices are marked with the voltage rating and whether they are intended for Standard of Heavy Duty, or with a code designation such as A600, B600, etc. These codes represent the control circuit load which may be controlled by the device. The significance of each code is shown in the tables below. Standard Duty indicates ratings under Codes B and P and Heavy Duty indicates ratings under Codes A and N for the marked voltage rating.

RATING CODES FOR AC CONTROL-CIRCUIT CONTACTS AT 50 AND 60 Hz

Contact Rating Code	Thermal Continuous Test	Max Current Amps ^b								Max	
		120 V		240 V		480 V		600 V		Volt-amps	
		Make	Break	Make	Break	Make	Break	Make	Break	Make	Break
Dsg ^a	Current Amps										
A150	10	60	6.00	—	—	—	—	—	—	7200	720
A300	10	60	6.00	30	3.00	—	—	—	—	7200	720
A600	10	60	6.00	30	3.00	15	1.50	12	1.20	7200	720
B150	5	30	3.00	—	—	—	—	—	—	3600	360
B300	5	30	3.00	15	1.50	—	—	—	—	3600	360
B600	5	30	3.00	15	1.50	7.5	0.75	6	0.60	3600	360
C150	2.5	15	1.5	—	—	—	—	—	—	1800	180
C300	2.5	15	1.5	7.5	0.75	—	—	—	—	1800	180
C600	2.5	15	1.5	7.5	0.75	3.75	0.375	3.00	0.30	1800	180
D150	1.0	3.60	0.60	—	—	—	—	—	—	432	72
D300	1.0	3.60	0.60	.180	0.30	—	—	—	—	432	72
E150	0.5	1.80	0.30	—	—	—	—	—	—	216	36

Note: aThe numerical suffix designates the maximum voltage design values which are to be 600 V, 300 V and 150 V for suffixes 600, 300 and 150, respectively.

Note: bFor maximum ratings at voltages between the maximum design value and 120 V, the maximum make and break ratings are to be obtained by dividing the volt-ampere rating by the application voltage. For voltages below 120 V, the maximum make current is to be the same as for 120 V, and the maximum break current is to be obtained by dividing the break volt-amperes by the application voltage, but are not to exceed thermal continuous test current.

Added Table 1 Effective June 3, 1976

RATING CODES FOR DC CONTROL-CIRCUIT CONTACTS

Contact Rating Code Designation ^a	Thermal Continuous Test Current Amps	Max Make or Break ^b Current Amps			Max Make or Break V Amps at 300 V or Less
		125 V	250 V	301 to 600 V	
N150	10	2.2	—	—	275
N300	10	2.2	1.1	—	275
N600	10	2.2	1.1	0.40	275
P150	5.0	1.1	—	—	138
P300	5.0	1.1	0.55	—	138
P600	5.0	1.1	0.55	0.20	138

Note: aThe numerical suffix designates the maximum voltage design values which are to be 600 V, 300 V and 150 V for suffixes 600, 300 and 150, respectively.

Note: bFor maximum ratings at 300 V or less, the maximum make and break ratings are to be obtained by dividing the volt-ampere rating by the application voltage, but are not to exceed the thermal continuous test current.

ADDITIONAL INFORMATION

For additional information, see Motor Controllers (NJOT), Industrial Control Equipment (NIMX) and Electrical Equipment for Use in Ordinary Locations (AALZ).

REQUIREMENTS

The basic standard used to investigate products in this category is UL 508, "Industrial Control Equipment."

UL MARK

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