



**Magnetrol®**

## Switch Ratings

SWITCH SERIES	SWITCH TYPE	LOAD	RATING					
			120 V AC	240 V AC	480 V AC	24 V DC	120 V DC	240 V DC
A & 3	Mercury	Non-Inductive Amp	13.00	6.50	3.70	10.00	10.00	5.00
		Inductive Amp	9.80	4.90	2.50	–	5.20	2.60
		Horsepower	1/2	1/2	1/2	–	1/2	1/2
B	Snap	Non-Inductive Amp	15.00	15.00	15.00	6.00	0.50	0.25
		Inductive Amp	15.00	15.00	15.00	5.00	0.05	0.03
		Horsepower	1/8	1/4	–	–	–	–
C	Snap	Non-Inductive Amp	15.00	15.00	15.00	10.00	1.00	0.50
		Inductive Amp	15.00	15.00	15.00	5.00	0.50	–
		Horsepower	1/10	1/6	–	–	–	–
D	Snap	Non-Inductive Amp	10.00	–	–	10.00	10.00	1.50 min 3.00 max
		Inductive Amp	3.80	–	–	–	2.20	–
		Horsepower	1/8	–	–	–	1/8	–
E & 2	Vibration Resistant Mercury	Non-Inductive Amp	4.00	2.00	1.00	–	4.00	2.00
		Inductive Amp	3.80	1.90	–	–	2.40	1.20
		Horsepower	1/8	1/8	–	–	1/6	1/6
F	Hermetic	Resistive Amp	2.50	–	–	4.00 <sup>①</sup>	0.30	–
		Inductive Amp	2.50	–	–	2.00 <sup>①</sup>	0.10	–
G	Snap	Non-Inductive Amp	15.00	15.00	15.00	6.00	0.50	0.25
		Inductive Amp	15.00	15.00	15.00	5.00	0.05	0.03
		Horsepower	1/8	1/4	–	–	–	–
H	Snap	Non-Inductive Amp	5.00	5.00	5.00	5.00	0.50	0.25
		Inductive Amp	5.00	5.00	5.00	4.00	0.05	0.03
		Horsepower	1/10	1/6	–	–	–	–
H2, H3 <sup>②</sup> HK	Magnetrol Construction Hermetic High Temp.	Resistive Amp	1.00	1.00	–	1.00	0.40	0.20
		Inductive Amp	1.00	1.00	–	1.00	0.40	0.20
H6, H7 HS, HW HB, HE, HM	Magnetrol Construction Hermetic	Resistive Amp	5.00	5.00	–	5.00	0.50	0.25
		Inductive Amp	5.00	5.00	–	2.00	0.25	0.125
		Horsepower	1/8	1/4	–	–	–	–
I	Snap	Non-Inductive Amp	10.00	–	–	–	10.00	1.50 min 3.00 max
		Inductive Amp	3.80	–	–	–	2.20	–
		Horsepower	1/8	–	–	–	1/8	–

<sup>①</sup> 28 V DC

<sup>②</sup> With high temperature leads 430°C (800°F)

# Switch Ratings (continued)

SWITCH SERIES	SWITCH TYPE	LOAD	RATING					
			120 V AC	240 V AC	480 V AC	24 V DC	120 V DC	240 V DC
L	Mercury	Non-Inductive Amp	13.00	6.50	3.70	—	10.00	5.00
		Inductive Amp	9.80	4.90	2.50	—	5.20	2.60
		Horsepower	1/2	1/2	1/2	—	1/2	1/2
L	Mercury Vibration Resistant	Non-Inductive Amp	4.00	2.00	1.00	—	4.00	2.00
		Inductive Amp	3.80	1.90	—	—	2.40	1.20
		Horsepower	1/8	1/8	—	—	1/6	1/6
N	Mercury	Non-Inductive Amp	13.00	6.50	3.70	—	10.00	5.00
		Inductive Amp	9.80	4.90	2.50	—	5.20	2.60
		Horsepower	1/2	1/2	1/2	—	1/2	1/2
O	Snap	Non-Inductive Amp	15.00	15.00	15.00	—	1.00	0.50
		Inductive Amp	15.00	15.00	15.00	—	—	—
		Horsepower	1/10	1/6	—	—	—	—
Q	Snap	Non-Inductive Amp	15.00	15.00	15.00	6.00	0.50	0.25
		Inductive Amp	15.00	15.00	15.00	5.00	0.05	0.30
		Horsepower	1/8	1/4	—	—	—	—
S	Snap V AC applications	Non-Inductive Amp	15.00	15.00	15.00	—	1.00	0.50
		Inductive Amp	15.00	15.00	15.00	—	0.50	—
		Horsepower	1/10	1/6	—	—	—	—
S	Snap V DC applications	Non-Inductive Amp	10.00	—	—	10.00	10.00	1.50 min 3.00 max
		Inductive Amp	3.80	—	—	—	2.20	—
		Horsepower	1/8	—	—	—	1/8	—
T	Mercury	Non-Inductive Amp	4.00	2.00	1.00	—	4.00	2.00
		Inductive Amp	3.80	1.90	—	—	2.40	1.20
		Horsepower	1/8	1/8	—	—	1/6	1/6
V	Hermetic (Gold contacts)	Resistive Amp	—	—	—	1.00 <sup>①</sup>	—	—
		Inductive Amp	—	—	—	0.25 <sup>①</sup>	—	—
U	Snap (Gold contacts)	Non-Inductive Amp	—	—	—	1.00 <sup>①</sup>	—	—
		Inductive Amp	—	—	—	0.50 <sup>①</sup>	—	—
W	Hermetic (Silver contacts)	Non-Inductive Amp	1.00	1.00	—	3.00 <sup>③</sup>	0.50	—
		Inductive Amp	—	0.40	—	1.50 <sup>③</sup>	—	—
X	Hermetic (Gold contacts)	Non- Inductive Amp	0.50	0.50	—	0.50	0.50	—
		Inductive Amp	—	—	—	—	—	—

① 28 V DC

③ 30 V DC

UNDER RESERVE OF MODIFICATIONS

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