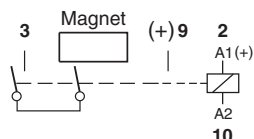


Relay compatible with sockets:

S3-B, S3-S, S3-MP,
S3-MS, S3-L, S3-PO



Gap > 3 mm (1.7+1.7)

Table 1 Electrical Life, ops. x 10⁶

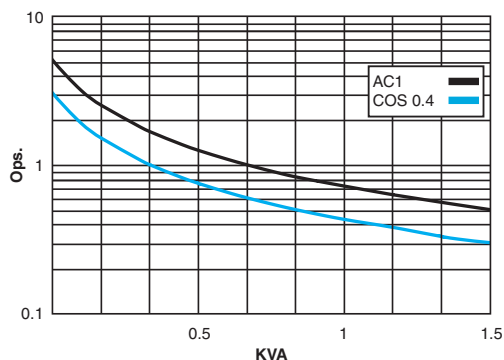
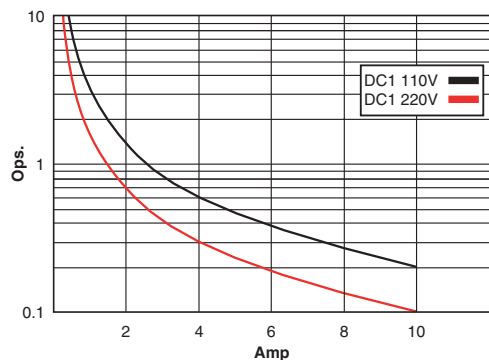
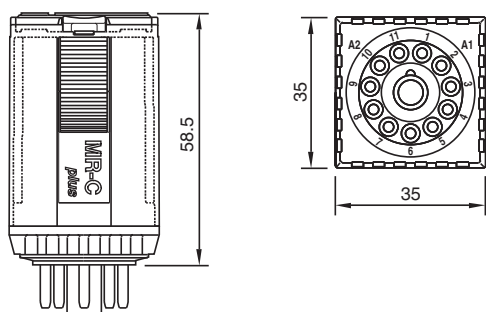


Table 2 DC Voltage Endurance



Dimensions - mm



C3-M10



Power relay, DC
Single pole, magnetic blow out

10 A 250 V AC1 10 A 220 V DC1
3.6 A 110 V DC1 2 A 220 V DC1

Contacts

Materials: Standard, code 0 AgNi
Max. switching current 10 A
Max. peak inrush current (20 ms) 30 A
Max. switching voltage (pollution 3) 250 V
Max. switching voltage (pollution 2) 250 V
Max. AC load (Table 1) 2.5 KVA
Max. DC load (Table 2)

Coils (Ohms $\pm 10\%$ @ 20°C)

Pull-in voltage $\leq 0.8 \times U_n$
Drop-out voltage $\geq 0.1 \times U_n$
Nominal coil power 2.4 VA (AC)/1.3 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	65	100	24	443	54
48	286	50	48	1K7	27
115	1K7	21	110	9K2	12
230	6K8	10	220	36K1	6

Insulation

Dielectric strength (1 minute):
Open contacts 2.5 KV
Between contacts and coil 2.5 KV
Isolation resistance at 500 V $\geq 1 \text{ G}\Omega$
Isolation, IEC 61810-5: 2.5 KV / 3

Specifications

Nominal coil power 2.4 VA (AC), 1.3 W (DC)
Operate time 20 ms
Release time 10 ms
Isolation: EN60947 pollution 3, Gr C 250 V
Dielectric strength, contacts/coils 2.5 KV

Standard Types (50/60 Hz and DC)

AC 24, 48, 115, (120), 230

X = LED (standard)

RC suppressor

C3-M10XVAC

C3-M10RVAC

DC 24, 48, 110, 220

X = LED, no polarity (standard)

Free-wheeling diode

Polarity and free-wheeling diodes

AC/DC bridge rectifier (24, 48 or 60 V)

C3-M10XVDC

C3-M10DXVDC

C3-M10FXVDC

C3-X10BXVDC



IEC 61810 EN 60947