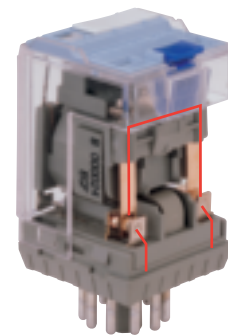


Type	C3-M1x/ ... V Power relays, DC, application 1 pole, magnetic blow out																																			
Maximum contact load	10 A 250 V AC1 3,6 A 110 V L/R 40ms		10 A 220 V DC1 2 A 220 V L/R 40ms																																	
Contacts																																				
Material	Standard	Code 0	AgNi																																	
Rated current	10 A																																			
Switch-on current max. (20 ms)	30 A																																			
Switching voltage max.	250 V																																			
AC load (Fig 1)	2,5 kVA																																			
DC load	see Fig. 2																																			
Coil																																				
Coil resistance	see table; tolerance ± 10 %																																			
Pick-up voltage	≤ 0,8 x U _N																																			
Release voltage	≥ 0,1 x U _N																																			
Nominal power	2,4 VA (AC) / 1,3 W (DC)																																			
Coil table	<table><tr><th>VAC</th><th>Ω</th><th>mA</th><th>VDC</th><th>Ω</th><th>mA</th></tr><tr><td>24</td><td>65</td><td>100</td><td>24</td><td>443</td><td>54</td></tr><tr><td>48</td><td>286</td><td>50</td><td>48</td><td>1K7</td><td>27</td></tr><tr><td>115</td><td>1K7</td><td>21</td><td>110</td><td>9K2</td><td>12</td></tr><tr><td>230</td><td>6K8</td><td>10</td><td>220</td><td>36K1</td><td>6</td></tr></table>						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
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																																				
	Volt rms, 1 min																																			
Contact open	2500 V																																			
Contact/contact	2,5 kV																																			
Contact/coil	2,5 kV																																			
Insulation resistance at 500 V	≥1 GΩ																																			
Insulation, IEC 61810-1:	2,5 kV / 3																																			
Specifications																																				
Ambient temperature operation/storage	-40 (no ice)...60 °C / -40 ... 80 °C																																			
Nominal coil power	2,4 VA (AC), 1,3 W (DC)																																			
Pick-up time/bounce time	20 ms/≤ 3 ms																																			
Release time/bounce time	10 ms/≤ 1 ms																																			
Isolation: EN 60947, pollution rate 3, Gr C	250 V																																			
Dielectric strength, Contact/Coil	2,5 kV																																			
Standard types																																				
VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)	C3-M10/AC ... V																																			
LED	C3-M10X/AC ... V																																			
RC Suppresor	C3-M10R/AC ... V																																			
VDC 24, 48, 110, 220	C3-M10/DC ... V																																			
LED	C3-M10X/DC ... V																																			
Free wheeling diode	C3-M10DX/DC ... V																																			
Polarity and free wheeling diode	C3-M10FX/DC ... V																																			
AC/DC bridge rectifier 24 V, 48 V, 60 V	C3-M10BX/UC ... V																																			
"..." Enter the voltage for full type designation																																				
Accessories																																				
Socket:	S3-B, S3-S, S3-L, S3-P, S3-P0, S3-MP, S3-MS																																			
Optional accessories (blanking plug):	SO-NP, SO-OP																																			



Connection diagram

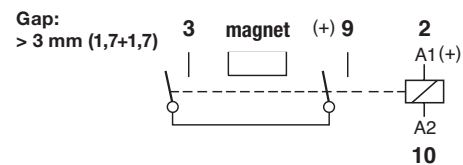


Fig. 1 AC voltage endurance

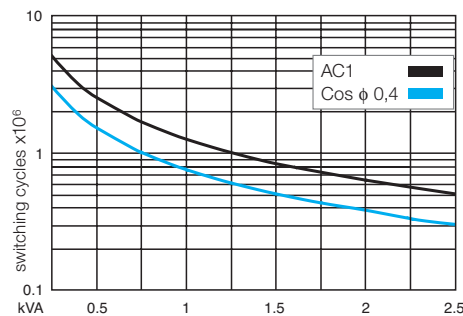
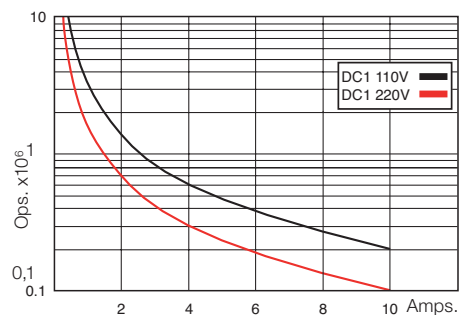
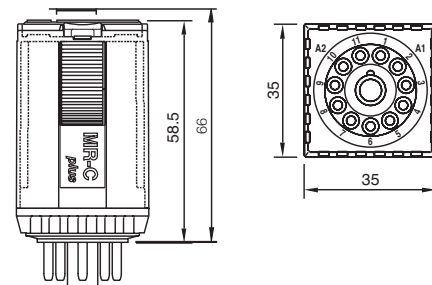


Fig. 2 DC voltage endurance



Dimensions [mm]



Technical approvals, conformities



IEC 61810; EN 60947