

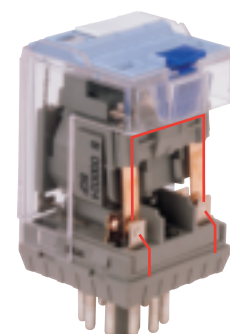
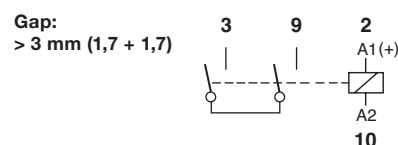
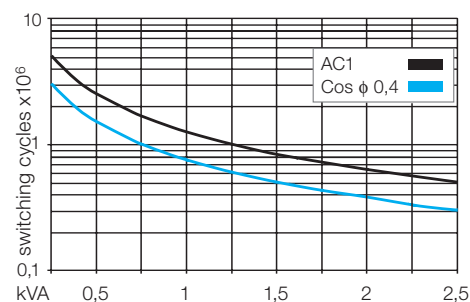
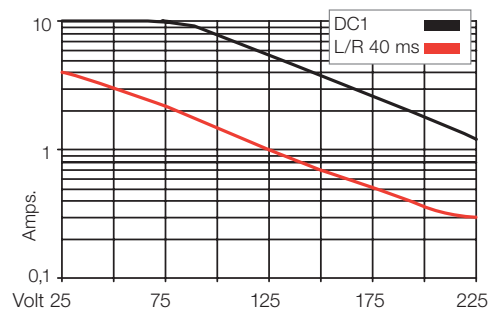
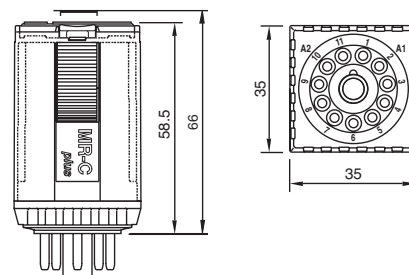
Type				C3-X1x/ ... V					
				Power relays for DC application					
				1 pole, NO, double make					
Maximum contact load				10 A/250 V	AC 1	7 A/110 V	DC1		
				10 A/30 V	DC 1	1,2 A/220 V	DC1		
Contacts									
Material	Standard	Code 0	AgNi						
Rated current			10 A						
Switch-on current max. (20 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				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					
Pick-up time/bounce time				20 ms/≤ 3 ms					
Release time/bounce time				10 ms/≤ 1 ms					
Mechanical life ops				AC: 10 Mill./DC: 20 Mill.					
DC voltage endurance at rated load				≥100000 switching cycles					
Switching frequency at rated load				≤ 1200/ops/h					
Protection class				IP40					
Weight				90 g					
Standard types									
VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)				C3-X10/AC ... V					
LED				C3-X10X/AC ... V					
RC Suppressor				C3-X10R/AC ... V					
VDC 24, 48, 110, 220				C3-X10/DC ... V					
LED				C3-X10X/DC ... V					
Free wheeling diode				C3-X10DX/DC ... V					
Polarity and free wheeling diode				C3-X10FX/DC ... V					
AC/DC bridge rectifier 24 V, 48 V, 60 V				C3-X10BX/UC ... V					

"..." Enter the voltage for full type designation

Accessories

Socket:
Optional accessories (blanking plug):

S3-B, S3-S, S3-L, S3-P, S3-P0, S3-MP, S3-MS
SO-NP, SO-OP

**Connection diagram****Fig. 1 AC voltage endurance****Fig. 2 DC load limit curve****Dimensions [mm]****Technical approvals, conformities**

IEC 61810; EN 60947