

C3-R2x**11-pin remanence relays, 2-pole, according to IEC 67-I-18a**

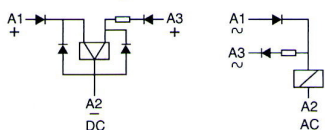
Type	C3-R2x/ ... V Remanence plug-in relays, 2 change-over contacts			
Maximum contact load	10 A/250 V	AC1	0,5 A/110 V	DC1
	10 A/30 V	DC1	0,2 A/220 V	DC1
Recommended minimum contact load	10 mA/10 V	Code 0, 9		
	5 mA/5 V	Code 8		

Contacts

Material	Standard	Code 0	AgNi
	Optional	Code 8	AgNi + 10 µ Au
	Optional	Code 9	AgNi + 0,2 µ Au
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 %
ON pulse power	1,5 VA/W
OFF pulse power	0,5 VA/W
Pull-in ON/OFF	≤ 0,8 × U _N

Internal Diagram:**Coil table**

VAC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	75	12	12	125	41
48	38	6	24	63	21
115	16	2,5	48	31	10
230	8	1,3	110	14	4,5

Insulation

Contact open	Volt rms, 1 min
Contact/contact	1000 V
Contact/coil	2,5 kV
Insulation resistance at 500 V	2,5 kV
Insulation, IEC 61810-1	≥1 GΩ
	2,5 kV/3

Specifications

Ambient temperature operation/storage	-40 (no ice)...60 °C / -40 ... 80 °C
Minimum pulse length for ON/OFF	50 ms
Mechanical life ops	10 Mill.
DC voltage endurance at rated load	≥100000 switching cycles
Switching frequency at rated load	≤ 1200/ops/h
Protection class	IP40
Weight	95 g

Standard types**VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)****C3-R20/AC ... V****C3-R28/AC ... V****C3-R29/AC ... V****VDC 12, 24, 48, 110****C3-R20/DC ... V****C3-R28/DC ... V****C3-R29/DC ... V**

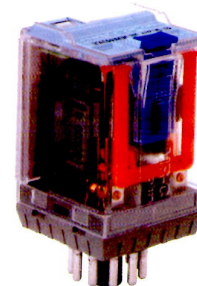
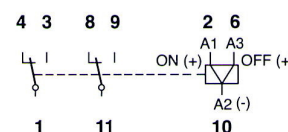
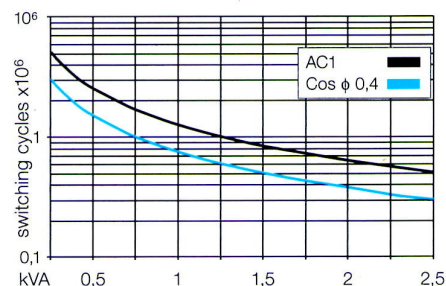
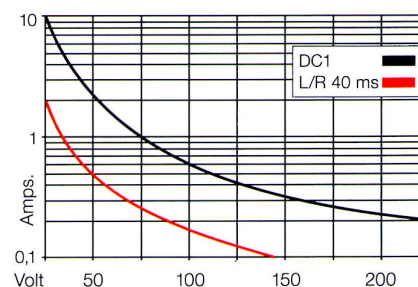
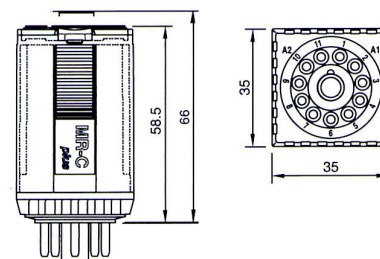
"..." Enter the voltage for full type designation

Accessories

Socket:

**S3-B, S3-S, S3-L, S3-P, S3-P0, S3-MP, S3-M5
SO-NP, SO-OP**

Optional accessories (blanking plug):

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

IEC 61810; EN 60947