

Type	C4-A4x/ ... V Standard relays, 4 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 %
Pick-up voltage	≤ 0,8 × U _N
Release voltage	≥ 0,1 × U _N
Nominal power	2,4 VA (AC)/1,4 W (DC)

Coil table

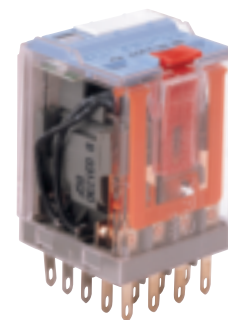
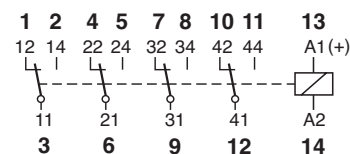
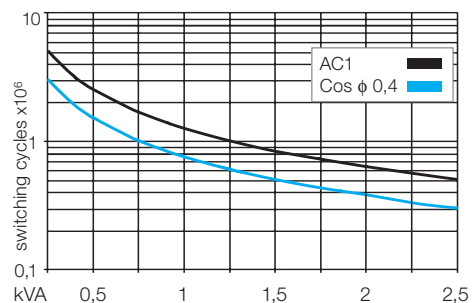
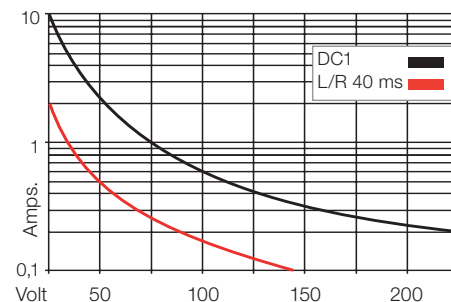
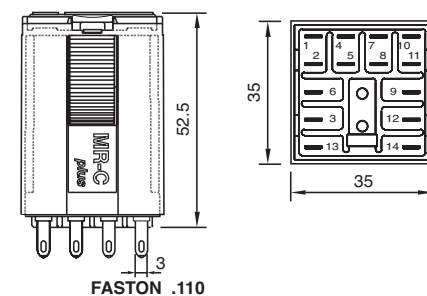
VAC	Ω	mA	VDC	Ω	mA
24	65	100	24	414	58
48	286	50	48	1K6	30
115	1K7	21	110	8K1	13
230	6K8	10	220	35K7	6,2

Insulation

	Volt rms, 1 min
Contact open	1000 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	8 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)****LED****RC suppresor****VDC 24, 48, 110, 220****LED****Free wheeling diode****Polarity and free wheeling diode****AC/DC bridge rectifier 24 V, 48 V, 60 V**
C4-A40/AC ... V
C4-A40X/AC ... V
C4-A40R/AC ... V
C4-A40/DC ... V
C4-A40X/DC ... V
C4-A40DX/DC ... V
C4-A40FX/DC ... V
C4-A40BX/UC ... V
C4-A48/AC ... V
C4-A48X/AC ... V
C4-A48R/AC ... V
C4-A48/DC ... V
C4-A48X/DC ... V
C4-A48DX/DC ... V
C4-A48FX/DC ... V
C4-A48BX/UC ... V**Connection diagram****Fig. 1 AC voltage endurance****Fig. 2 DC load limit curve****Dimensions [mm]****Technical approvals, conformities**

IEC 61810; EN 60947

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

Accessories
 Socket:
 Optional accessories (blanking plug):

S4-J, S4-L, S4-P, S4-P0
SO-NP, SO-OP