

# C4-A4x

4 pole | changeover contact | plug-in Faston

<b>Maximum contact load</b>	<b>10 A/250 V AC-1</b>	<b>0.5 A/110 V DC-1</b>
	<b>10 A/30 V DC-1</b>	<b>0.2 A/220 V DC-1</b>
<b>Recommended minimum contact load</b>	<b>5 mA/5 V</b>	<b>Code 8</b>

**Contacts**

Material	Standard	Code 0	⚡ AgNi
	Optional	Code 8	⚡ AgNi + 5 μ Au
Rated Load	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 <sub>n</sub>
Release voltage	≥ 0.1 x U <sub>n</sub>
Nominal power	2.4 VA (AC)/1.4 W (DC)

**Coil table**

V AC	Ω	mA	VDC	Ω	mA
24	65	100	24	414	58
48	286	50	48	1K6	30
115	1K7	21	110	8K1	13
-	-	-	120-125	10K	12.3
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

**Specifications**

Ambient temperature operation/storage	-40...60 °C / -40 ... 80 °C (no ice)
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	≥ 100 000 switching cycles
Switching frequency at rated load	≤ 1200/ops/h
Weight	90 g

**Product References**

V AC 50 Hz/60 Hz: 24, 48, 115, (120), 230, (240)

LED

RC Suppressor

VDC 24, 48, 110, 220

LED

Free wheeling diode

Polarity and free wheeling diode

AC/DC bridge rectifier 24 V, 48 V, 60 V

Other voltages on request

C4-A40/AC ... V  
C4-A40X/AC ... V  
C4-A40R/AC ... V

C4-A48/AC ... V  
C4-A48X/AC ... V  
C4-A48R/AC ... V

C4-A40/DC ... V  
C4-A40X/DC ... V  
C4-A40DX/DC ... V  
C4-A40FX/DC ... V

C4-A48/DC ... V  
C4-A48X/DC ... V  
C4-A48DX/DC ... V  
C4-A48FX/DC ... V

C4-A40BX/UC ... V

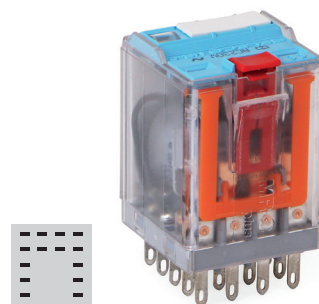
C4-A48BX/UC ... V

"..." List Coil Voltage to complete Product References

**Accessories** (See also Section Sockets)

Socket:  
Wall Mounting Adapter:  
Blanking Plug:

S4-J, S4-L, S4-P  
S5-R (BAG 5 PCS)  
SO-NP (BAG 10 PCS)



Connection diagram

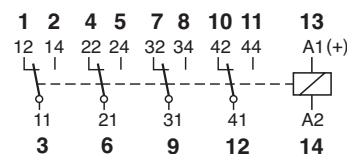


Fig.1 AC voltage endurance

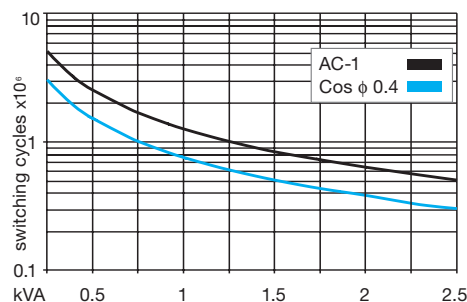
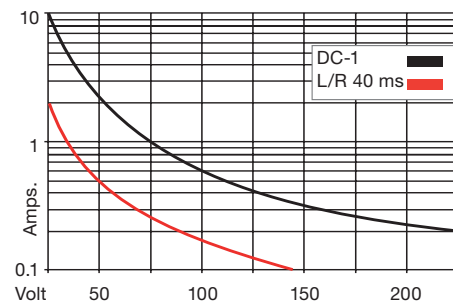
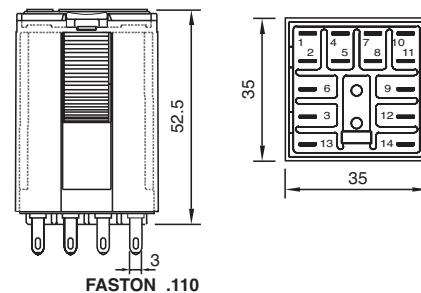


Fig. 2 DC load limit curve



**Dimensions**



**Technical approvals, conformities**

