

# C5-A3x

3 pole | changeover contact | plug-in Faston

<b>Maximum contact load</b>	<b>16 A/400 V AC-1</b>	<b>0.5 A/110 V DC-1</b>
	<b>16 A/30 V DC-1</b>	<b>0.2 A/220 V DC-1</b>

**Contacts**

Material	Standard	Code 0	⚡ AgNi
	Optional	Code 5	⚡ AgSnO <sub>2</sub>
Rated Load	16 A		
Switch-on current max. (20 ms)	40 A		
Switching voltage max.	400 V		
AC load (Fig 1)	4 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
230	6K8	10	220	30K3	6.2
400	18K8	6			

**Insulation**

	Volt rms / 1 min
Contact open	1000 V
Contact/contact	4 kV
Contact/coil	4 kV
Insulation resistance at 500 V	≥3 G.Ω
Insulation, IEC 61810-1	4 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	10 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/h
Weight	95 g

**Product References**

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

LED

RC Suppressor (max 250 V)

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

C5-A30/AC ... V  
C5-A30X/AC ... V  
C5-A30R/AC ... V

C5-A30/DC ... V  
C5-A30X/DC ... V  
C5-A30DX/DC ... V  
C5-A30FX/DC ... V

C5-A30BX/UC ... V

C5-A35/AC ... V  
C5-A35X/AC ... V  
C5-A35R/AC ... V

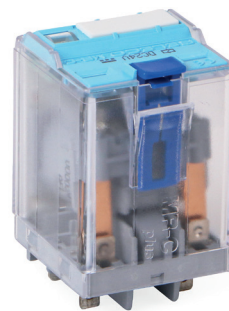
C5-A35/DC ... V  
C5-A35X/DC ... V  
C5-A35DX/DC ... V  
C5-A35FX/DC ... V

C5-A35BX/UC ... V

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

**Accessories** (See also Section Sockets)

Socket:	<b>S5-M, S5-P</b>
Wall Mounting Adapter:	<b>S5-R (BAG 5 PCS)</b>
Blanking Plug:	<b>SO-NP (BAG 10 PCS)</b>



Connection diagram

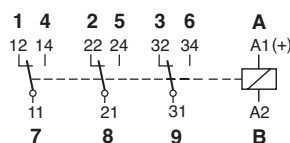


Fig.1 AC voltage endurance

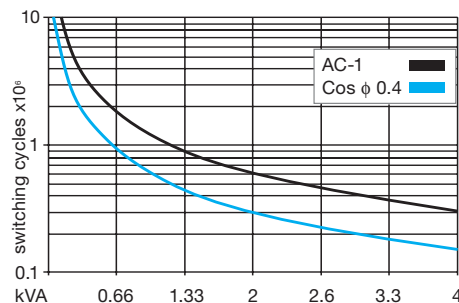
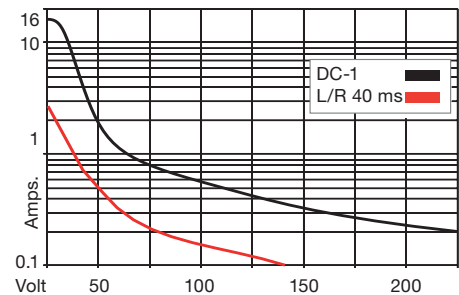
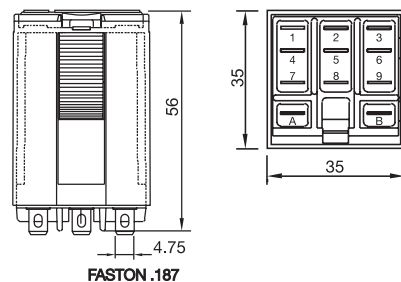


Fig. 2 DC load limit curve



**Dimensions**



**Technical approvals, conformities**



IEC/EN 61810; IEC/EN 60947