

C5-A2x**2 pole | changeover contact | Faston**

Maximum contact load	16 A/400 V AC-1	0.5 A/110 V DC-1
	16 A/30 V DC-1	0.2 A/220 V DC-1
Recommended minimum contact load	10mA/10V	

Contacts

Material	Standard	Code 0	⚡ AgNi
Rated Load			16 A
Max. inrush current (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 $\pm 10\%$
Pick-up voltage	$\leq 0.8 \times U_N$
Release voltage	$\geq 0.1 \times U_N$
Nominal power	2.4 VA (AC)/1.4 W (DC)

Coil table

V AC	Ω	mA	V DC	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
400	18K8	6			

Insulation

Contact open	1000 V
Contact/contact	4 kV
Contact/coil	4 kV
Insulation resistance at 500 V	$\geq 3 \text{ G}\Omega$
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	$\geq 100\,000$ switching cycles
Max. switching frequency at rated load	1200/h
Weight	90 g

Product References**V AC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)****LED****RC Suppressor (max 250 V)****C5-A20/AC ... V****C5-A20X/AC ... V****C5-A20R/AC ... V****V DC 24, 48, 110, 220****LED****Free wheeling diode****Polarity and free wheeling diode****C5-A20/DC ... V****C5-A20X/DC ... V****C5-A20DX/DC ... V****C5-A20FX/DC ... V****AC/DC bridge rectifier 24 V, 48 V, 60 V**

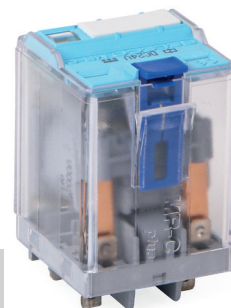
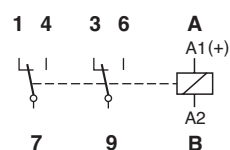
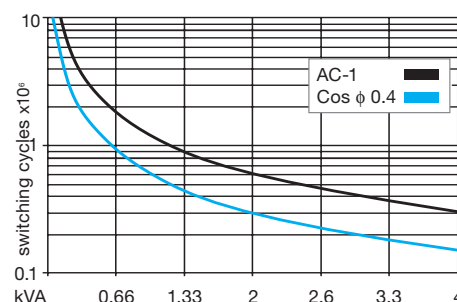
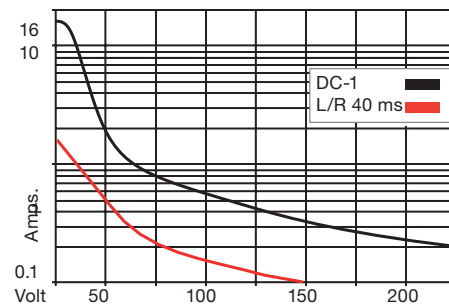
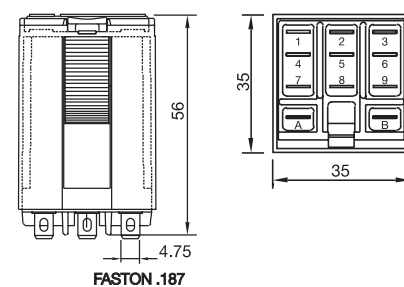
Other voltages on request

C5-A20BX/UC ... V

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

Accessories

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

**Connection diagram****fig. 1 AC voltage endurance****fig. 2 DC load limit curve****Dimensions (mm)****Technical approvals, conformities**

IEC/EN 61810; IEC/EN 60947

C5-A3x**3 pole | changeover contact | Faston**

Maximum contact load	16 A/400 V AC-1	0.5 A/110 V DC-1
	16 A/30 V DC-1	0.2 A/220 V DC-1
Recommended minimum contact load	10mA/10V	

Contacts

Material	Standard	Code 0	⚡ AgNi
	Optional	Code 5	⚡ AgSnO ₂
Rated Load			16 A
Max. inrush current (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 $\pm 10\%$
Pick-up voltage	$\leq 0.8 \times U_N$
Release voltage	$\geq 0.1 \times U_N$
Nominal power	2.4 VA (AC)/1.4 W (DC)

Coil table

V AC	Ω	mA	V DC	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

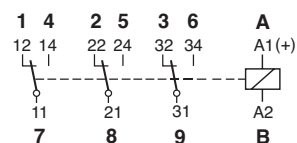
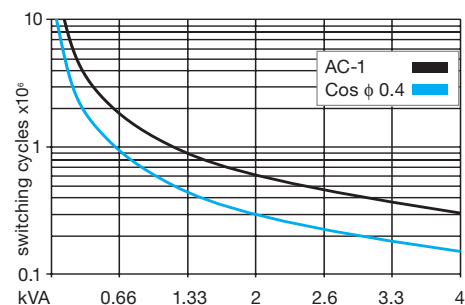
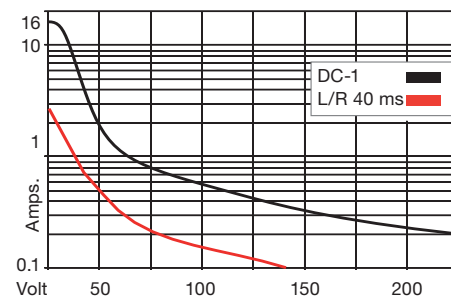
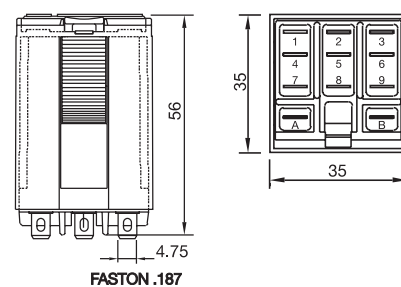
Contact open	1000 V
Contact/contact	4 kV
Contact/coil	4 kV
Insulation resistance at 500 V	$\geq 3 \text{ G}\Omega$
Insulation, IEC 61810-1	4 kV

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	$\geq 100\,000$ switching cycles
Max. 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)****V DC 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**Connection diagram****fig. 1 AC voltage endurance****fig. 2 DC load limit curve****Dimensions (mm)**

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

Accessories

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

Technical approvals, conformities

IEC/EN 61810; IEC/EN 60947