

C5-M2x

2 pole | normally open contact with blow magnet | plug-in Faston

Maximum contact load	16 A / 250 V AC-1	7 A / 110 V DC-1
		3 A / 220 V DC-1

Contacts

Material	Standard	Code 0	⚡ AgNi
Rated Load			16 A
Switch-on current max. (20 ms)			40 A
Switching voltage max.			250 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 _N
Release voltage	≥ 0.1 x U _N
Nominal power	2.4 VA (AC) / 1.6 W (DC)

Coil table

V AC	Ω	mA	VDC	Ω	mA
24	65	100	12	90	133
48	286	50	24	373	66
115	1K7	21	48	1K4	33
230	6K8	10.4	110	7K6	15

Insulation

Contact open	Volt rms / 1 min
Contact/contact	2 kV
Contact/coil	4 kV
Insulation resistance at 500 V	3 kV
Insulation, EN 60947/IEC 61810-1:	≥ 3 GΩ
	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. switching cycles
DC Rated load	≥ 75 000 switching cycles
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

VDC 12, 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-M20/AC ... V
C5-M20X/AC ... V
C5-M20R/AC ... V

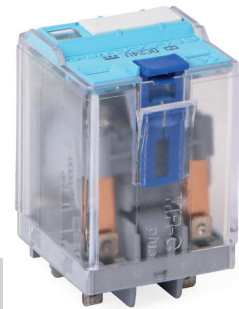
C5-M20/DC ... V
C5-M20X/DC ... V
C5-M20DX/DC ... V
C5-M20FX/DC ... V

C5-M20BX/UC ... V

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

Accessories (See also Section Sockets)

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



Connection diagram

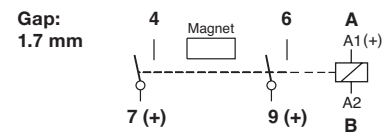


Fig.1 AC voltage endurance

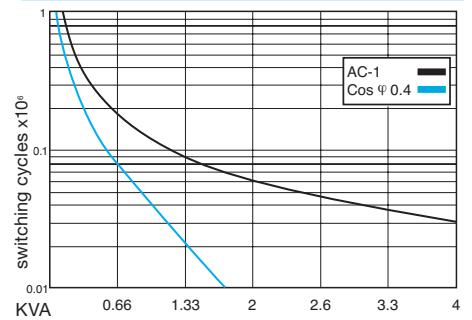
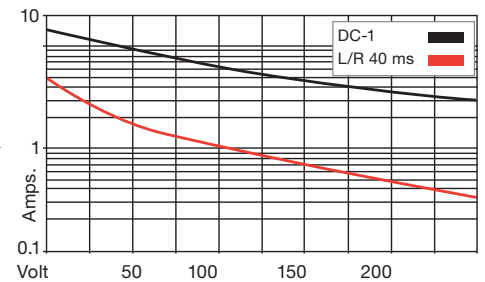
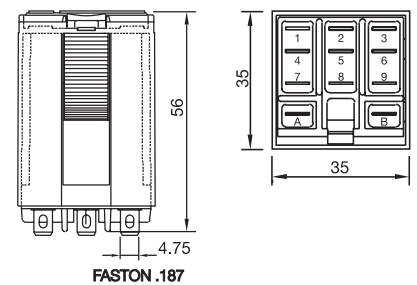


Fig. 2 DC load limit curve



Dimensions



Technical approvals, conformities



IEC/EN 61810; IEC/EN 60947