

C5-R2x

2 pole | changeover contact | retentive | plug-in

Maximum contact load	10 A/400 V AC-1	10 A/30 V DC-1
	0.2 A/250 V DC-1	0.5 A/110 V DC-1

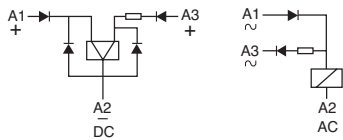
Contacts

Material	Standard	Code 0	⚡ AgNi
Rated Load			10 A
Switch-on current max. (20 ms)			30 A
Switching voltage max.			400 V
AC load (Fig 1)			4 kVA
DC load			see Fig. 2

Coil

Coil resistance	see table; tolerance ± 10 %
ON pulse power	1.5 VA/W
OFF pulse power	0.5 VA/W
1 winding for AC, 2 winding for DC	
Pull-in ON/OFF	< 0.8 x U _n

Internal Diagram:



Coil table

V AC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	75	12	12	125	41
48	38	6	24	63	21
115	16	2.5	48	31	10
230	8	1.3	110	14	4.5

Insulation

Contact open	Volt rms / 1 min	1000 V
Contact/contact		4 kV
Contact/coil		4 kV
Insulation resistance at 500 V		≥3 GΩ
Insulation, EN 60947/IEC 61810-1		4 kV

Specifications

Ambient temperature operation/storage	-40...60 °C / -40 ... 80 °C (no ice)
Minimum pulse ON/OFF	50 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, 230

C5-R20/AC ... V

VDC : 12, 24, 48, 110,

C5-R20/DC ... V

Other voltages on request

"..." 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

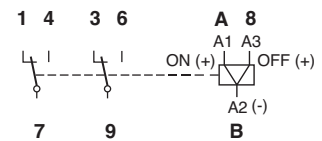


Fig.1 AC voltage endurance

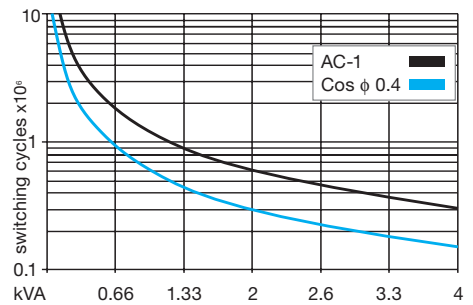
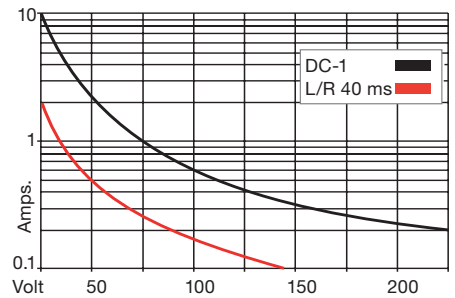
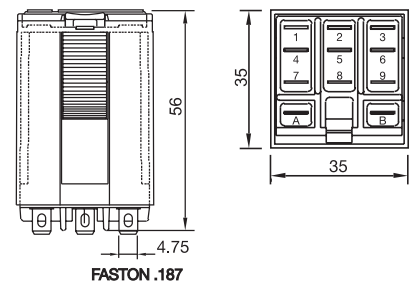


Fig. 2 DC load limit curve



Dimensions



Technical approvals, conformities



IEC/EN 61810; IEC/EN 60947