

C18-A15PT**1 pole | 5-pin | changeover contact | Grid 3.5mm**

Maximum contact load	10 A/250V AC-1
	10 A/30V DC-1
Recommended minimum contact load	1 mA/1 V AC/DC

Contacts

Material	AgSnO ₂
Rated Load	10 A
Switching voltage max.	250 V
Max. inrush current (500ms)	25 A
Bounce time	2 ms

Coil

Coil resistance	see table; tolerance $\pm 10\%$
Pick-up voltage	75 % of U _N (DC) / 80 % of U _N (AC)
Release voltage	$\leq 0.1 U_N$ (DC) / $\leq 0.3 U_N$ (AC)
Nominal power	1 VA (AC) / 0.53 W (DC) @ 23 °C

Coil Data (DC voltage)

Coil Voltage Code	Nominal Voltage (VDC)	Coil Resistance (Ω) $\pm 10\%$	Must operate voltage max. (VDC)	Must release voltage min (VDC)
12	12	270	9.00	1.2
24	24	1080	18.00	2.4
36	36	1350	27.00	3.6
48	48	4340	36.00	4.8
110	110	22830	82.5	11

Coil Data (AC voltage 50/60 Hz)

Coil Voltage Code	Nominal Voltage (VAC)	Coil Resistance (Ω) $\pm 10\%$	Must operate voltage max. (VAC)	Must release voltage min (VAC)	Max. allowable voltage (VAC)
24	24	253	19.2	7.2	26.4
110	110	5819	88.0	33	121
230	230	23276	184	69	253

Insulation

Insulation resistance (coil to contact)	$\geq 100 M\Omega$ @ 500 V DC, 50 % RH
Dielectric strength	5 kV
Contact/coil	5000 Vrms, 1 min
Contact/contact	1000 Vrms, 1 min

Specifications

Ambient temperature operation/storage	-55 ... 70 °C / -55 ... 70 °C (no ice)
Pick-up time	10 ms
Release time	5 ms
Mechanical/electrical life ops	$\geq 1 \times 10\,000\,000 / 1 \times 100\,000$
Weight	17 g
Max. switching frequency	20 Hz
Tightness	RT2

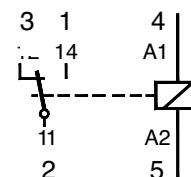
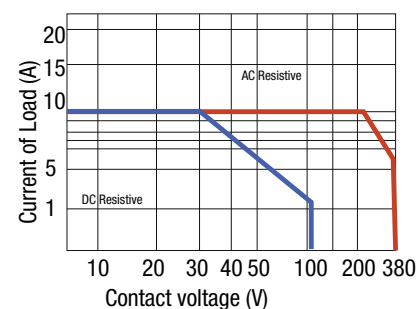
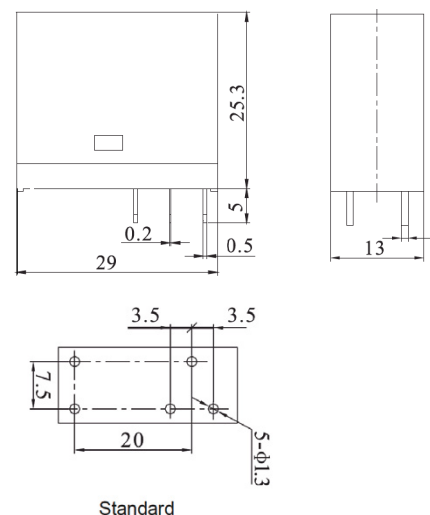
Product References**V AC 50 Hz/60 Hz: 24, 110 (120), 230 (240)****V DC 12, 24, 36, 48, 110**

Other voltages on request

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

Accessories

Socket	S18-M
Retaining clip, plastic	CP-16
Modules	See datasheet socket S18-M

**Connection diagram****fig. 1 Max. Operating Power Curve****Dimensions (mm)**

Standard

Technical approvals, conformities

IEC/EN 61810; IEC/EN 60947