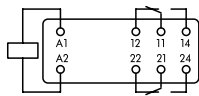
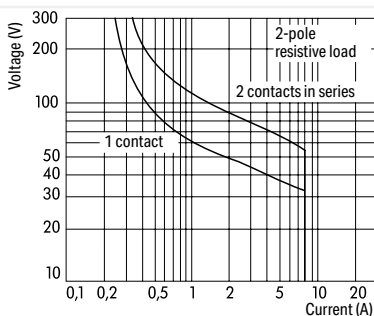
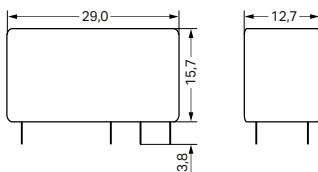


Basic Relay 788 Series



Basic Relay; 2 changeover contacts; Limiting continuous current: 8 A; 13 mm wide; 15 mm high

U_N	Item No.	Pack. Unit
12 VDC	788-152	20
24 VDC	788-156	20
48 VDC	788-160	20
60 VDC	788-164	20
110 VDC	788-168	20
24 VAC	788-172	20
115 VAC	788-176	20
230 VAC	788-180	20



DC Load Limit Curve

Load Circuit

Number of changeover/switchover contacts	2
Contact material	AgNi 90/10
Limiting continuous current	8 A
Inrush current (resistive) max.	15 A (AC) / 4 s
Switching voltage (max.)	250 VAC
Switching power (resistive) max.	2000 VA (AC); DC see load limit curve
Switching capacity	AC 15: 3 A / 250 VAC; DC 13: 2 A / 24 VDC
Recommended minimum load	12 V / 10 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	6 ms
Bounce time (typ.)	10 ms
Electrical life (NO; resistive load; 23 °C)	10 x 10 ³ switching operations
Mechanical life	30 x 10 ⁶ switching operations
Switching load with/without load (max.)	6 min ⁻¹ / 1200 min ⁻¹

Safety and Protection

Dielectric strength, control/load circuit (AC, 1 min)	5 kV _{rms}
Dielectric strength, open contact (AC, 1 min)	1 kV _{rms}
Dielectric strength, load/load circuit (AC, 1 min)	2.5 kV _{rms}

Physical Data

Width	12.7 mm / 0.5 inch
Height from the surface	15.7 mm / 0.618 inch
Depth	29 mm / 1.142 inch

Mechanical Data

Mounting type	Pluggable module
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Material Data

Weight	13 g
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Environmental Requirements

Surrounding air temperature (operation at U_N)	-40 ... +85 °C
Surrounding air temperature (storage)	-40 ... +85 °C

Standards and Specifications

Standards/specifications	EN 61810-1
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