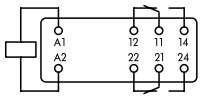
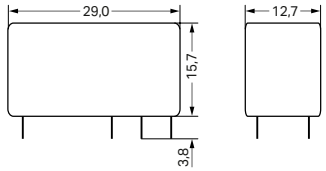
Basic Relay
788 Series

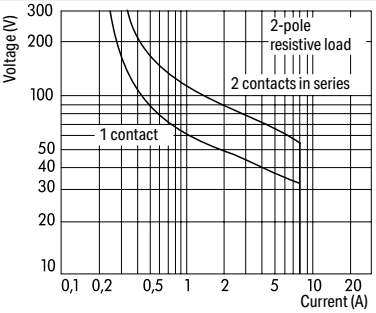


Basic Relay; 2 changeover contacts; Limiting continuous current: 8 A; with gold contacts; 13 mm wide; 15 mm high

U_N	Item No.	Pack. Unit
24 VDC	788-157	20
115 VAC	788-177	20
230 VAC	788-181	20



Note:
To prevent damaging the gold layer, 30 VDC switching voltages and 50 mA currents must not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce service life.



DC Load Limit Curve

Load Circuit

Number of changeover/switchover contacts	2
Contact material	AgNi + Au
Limiting continuous current	8 A
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	5 V / 2 mA / 50 mW
Pull-in time (typ.)	7 ms
Drop-out time (typ.)	3 ms
Electrical life (NO; resistive load; 23 °C)	1 x 10^3 switching operations
Mechanical life	30 x 10^6 switching operations

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

Material Data

Weight	13.4 g

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