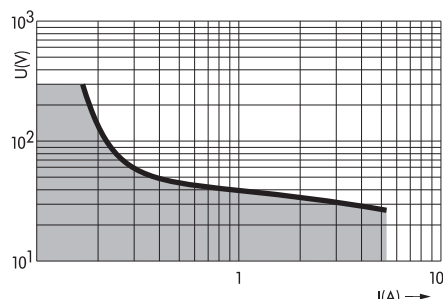
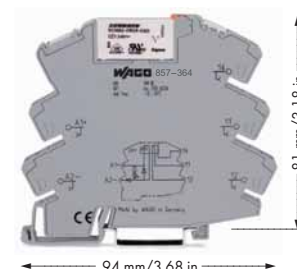
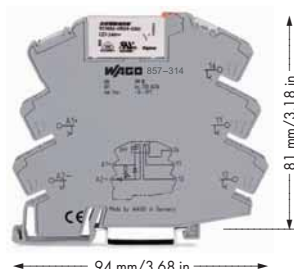


	Relay with 1 changeover contact (1u) (gold contacts) for normal switching power Nominal input voltage V_N 24 V, 110 V, 220 V DC	Relay with 1 changeover contact (1u) (gold contacts) for normal switching power Nominal input voltage V_N 24 V, 115 V, 230 V AC/DC
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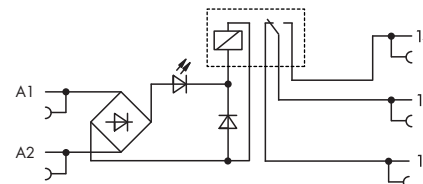
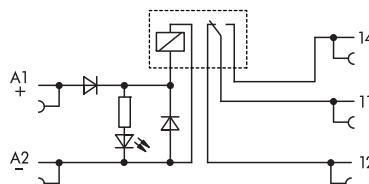


DC load limit curve



* In order to prevent the gold layer from being damaged, these values shall not be exceeded. Higher switching power leads to evaporation of the gold layer.

In case of damaged gold layer, the values in parens apply.



Description	V_N	I_N	Item No.	Pack. Unit	V_N	I_N	Item No.	Pack. Unit
JUMPFLEX[®] relay socket with miniature switching relay, for DIN 35 rail	24 V DC	10 mA	857-314	1	24 V AC/DC	8.5 mA	857-364	1
	110 V DC	3.5 mA	857-317	1	115 V AC/DC	4 mA	857-367	1
	220 V DC	3.2 mA	857-318	1	230 V AC/DC	3.5 mA	857-368	1

Technical Data		Accessories see pages 68 ... 71	Accessories see pages 68 ... 71
Contact material	AgNi + 5 μ Au	AgNi + 5 μ Au	AgNi + 5 μ Au
Input voltage range	V_N -15 % ... +20 %	V_N -15 % ... +20 % (857-364/857-367)	V_N -15 % ... +20 % (857-368)
Max. switching voltage	30 V* DC / (250 V AC/DC)	30 V* DC / 50 mA* / (6 A)	30 V* DC / 50 mA* / (6 A)
Max. continuous current (terminal blocks in a row)	50 mA* / (6 A)	(1250 VA AC; DC see load limit curve)	(1250 VA AC; DC see load limit curve)
Max. Switching power (resistive)	(1250 VA AC; DC see load limit curve)	≥ 1 V / 1 mA / 1 mW	≥ 1 V / 1 mA / 1 mW
Recommended minimum load	≥ 1 V / 1 mA / 1 mW	6 min ⁻¹ / 20 s ⁻¹	6 min ⁻¹ / 20 s ⁻¹
Max. switching rate with / without load	6 min ⁻¹ / 20 s ⁻¹	< 300 mW / < 700 mW	< 300 mVA / < 800 mVA
Operating power	< 300 mW / < 700 mW	5 ms / 6 ms / 5 ms	5 ms / 6 ms / 5 ms
Pull-in/drop-out/bounce time typ.	5 ms / 6 ms / 5 ms	continuous duty	continuous duty
Nominal operating mode	continuous duty	4 kV _{eff}	4 kV _{eff}
Dielectric strength contact-coil	4 kV _{eff}	1 kV _{eff}	1 kV _{eff}
Surge capacity open contact	1 kV _{eff}	250 V / 4 kV / 3	250 V / 4 kV / 3
Nominal voltage acc. to VDE 0110 Part 1/4.97, IEC 60664-1	250 V / 4 kV / 3	5 x 10 ⁶ switching operations	5 x 10 ⁶ switching operations
Mechanical life	5 x 10 ⁶ switching operations	5 x 10 ⁴ switching operations	5 x 10 ⁴ switching operations
Mechanical life at max. load (resistance)	5 x 10 ⁴ switching operations	-25 °C ... +60 °C	-25 °C ... +60 °C
Ambient operating temperature (V_N)	-25 °C ... +60 °C	-40 °C ... +70 °C	-40 °C ... +70 °C
Storage temperature	-40 °C ... +70 °C	6 x 81 x 94	6 x 81 x 94
Dimensions (mm) W x H x L	6 x 81 x 94	Height from upper-edge of DIN 35 rail	Height from upper-edge of DIN 35 rail
Wire connection	Height from upper-edge of DIN 35 rail	CAGE CLAMP [®] S	CAGE CLAMP [®] S
Cross sections	CAGE CLAMP [®] S	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 14	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 14
Stripped lengths	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 14	9 ... 10 mm / 0.37 in	9 ... 10 mm / 0.37 in
Approvals	9 ... 10 mm / 0.37 in	VDE 0110 / EN 60664; VDE 0435 / EN 61810-1;	VDE 0110 / EN 60664; VDE 0435 / EN 61810-1;
	VDE 0110 / EN 60664; VDE 0435 / EN 61810-1;	(857-314:)	(857-368:)