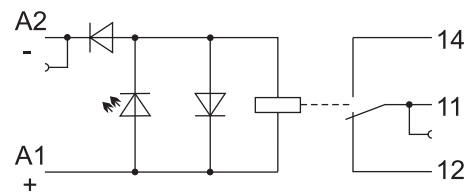
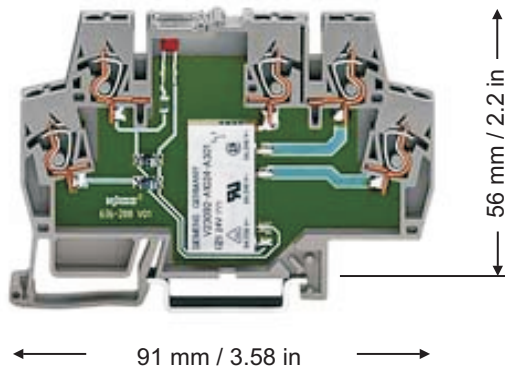


Electronic Terminal Block with Miniature Switching Relay

1/2

1 changeover contact

Data sheet



Description	Item-No.	Pack.-unit pcs	
Switching relay terminal block			
U_N DC 12 V	859-303	1	
I_N 17 mA	859-304	1	
DC 24 V		10 mA	
<ul style="list-style-type: none"> Switching relay terminal block with miniature switching relay 1 changeover contact for medium switching powers. Safe electrical isolation meets DIN VDE 0140, DIN EN 61140. Mounting on DIN 35 rail. 	Technical Data		
<p>DC-Load limiting value graph</p>	Contact material Input nominal voltage U_N Input voltage range Input nominal current I_N (coil 20 °C) Max. switching voltage Max. continuous current (terminal blocks in a row) (50°C) 5 A (70°C)* 3 A Max. switching power (resistive) AC 1250 VA (resistive) DC see load limiting value graph Making capacity 10 A at max. 4 s and 10 % relative cyclic duration factor Recommended min. load ≥ 100 mA / AC/DC 12 V Max. number of switching operations with/without load 6 min ⁻¹ / 20 s ⁻¹ Operating power < 320 mW Pull-in/dropout/bounce time t_{vp} 5 ms / 6 ms / 5 ms Operation at normal rating 100 % continuous duty Dielectric strength contact/coil 4 kV Surge voltage strength contact/coil (1.2/50 μs) 6 kV Open contact 1 kV Nominal voltage acc. to VDE 0110 Part1/ 4.97 IEC 60664-1 250 V / 4 kV / 3 Mechanical life at max. load (resistive) 2 x 10 ⁷ switching operations 3 x 10 ⁵ switching operations Ambient operating temperature at U_N -25 °C...+50 °C at 1.2 x U_N -25 °C...+40 °C *at 3 A continuous current -25 °C...+70 °C		
	<p>Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !</p>		

Electronic Terminal Block with Miniature Switching Relay

2/2

1 changeover contact

Data sheet

	Storage temperature	-40 °C...+70 °C		
	Terminal block width	6 mm / 0.236 in		
	Wire connection	CAGE CLAMP®		
		0.08-2.5 mm ² / AWG 28-14		
	Stripped length	5-6 mm / 0.22 in		
	Standards / prescriptions	VDE 0435 Part 201, DIN EN 61810-1 VDE 0140, DIN EN 61140		
	Approvals	cUL _{us} UL508 / CSA22.2 E175199		
		CB scheme		
		IEC 60947-1 / IEC 60947-5-1 DEMKO DK-7574		
		AC15	3 A	AC 250 V
		DC13	0.5 A	DC 24 V
	Accessories			
	End and intermediate plate	859-525		
	Comb type jumper bar 2-way	859-402		
	3-way	859-403		
	4-way	859-404		
	5-way	859-405		
		10-way	859-410	
	Test pin 1mm Ø	859-500		

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