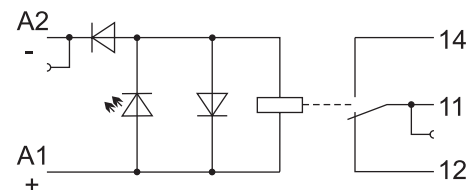
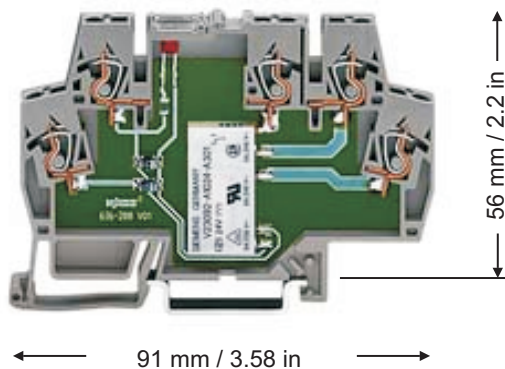


Electronic Terminal Block with Miniature Switching Relay

1/2

1 changeover contact

Data sheet


Description			Item-No.	Pack.-unit pcs
Switching relay terminal block	U_N	I_N		
	DC 12 V	17 mA	859-303	1
	DC 24 V	10 mA	859-304	1
- 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.				
DC-Load limiting value graph				
Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !				
Technical Data				
Contact material		AgSnO ₂		
Input nominal voltage U_N		see description		
Input voltage range		U_N -15 %...+20 %		
Input nominal current I_N		see description		
(coil 20 °C)				
Max. switching voltage		AC 250 V		
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_{pb}		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		2 x 10 ⁷ switching operations		
at max. load (resistive)		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		

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		