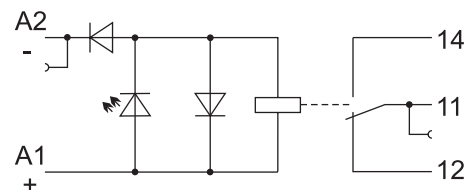
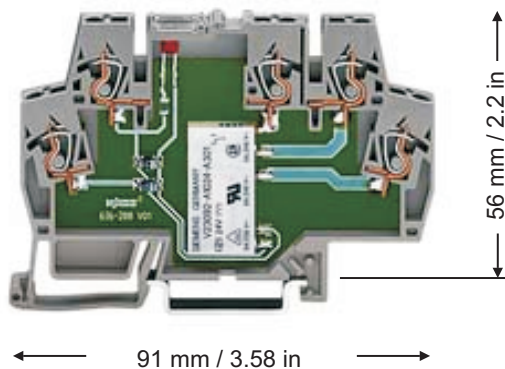


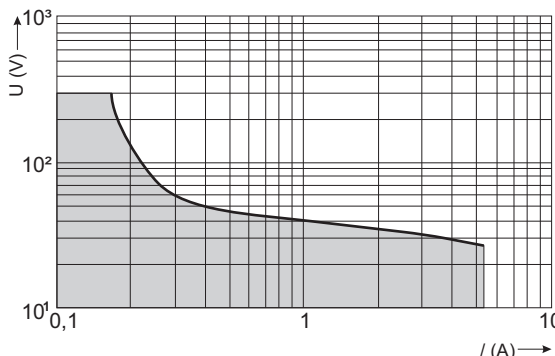
Electronic Terminal Block with Miniature Switching Relay

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.			Technical Data	
DC-Load limiting value graph 			Contact material	AgSnO ₂
			Input nominal voltage U_N	see description
			Input voltage range	$U_N -15 \%...+20 \%$
			Input nominal current I_N (coil 20 °C)	see description
			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	$\geq 100 \text{ mA} / \text{AC/DC } 12 \text{ V}$
			Max. number of switching operations with/without load	$6 \text{ min}^{-1} / 20 \text{ s}^{-1}$
			Operating power	$< 320 \text{ mW}$
			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	2×10^7 switching operations			
at max. load (resistive)	3×10^5 switching operations			
Ambient operating temperature				
at U_N	-25 °C...+50 °C			
at $1.2 \times U_N$	-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		