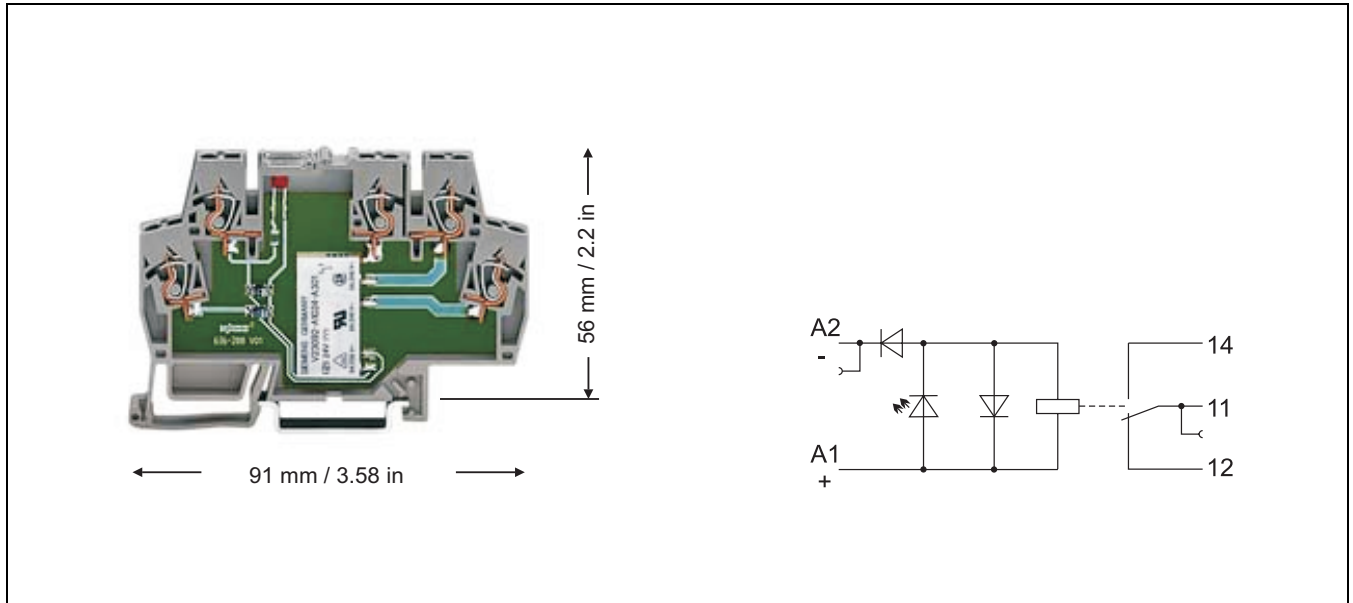


Electronic Terminal Block with Miniature Switching Relay

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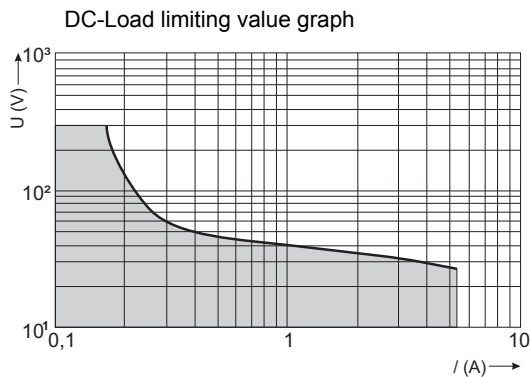
1 changeover contact

Data sheet



Description	Item-No.	Pack.-unit pcs
Switching relay terminal block		
U_N DC 12 V	859-303	1
I_N 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.



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_{yp}	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 ⁶ 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

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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	cULus 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		