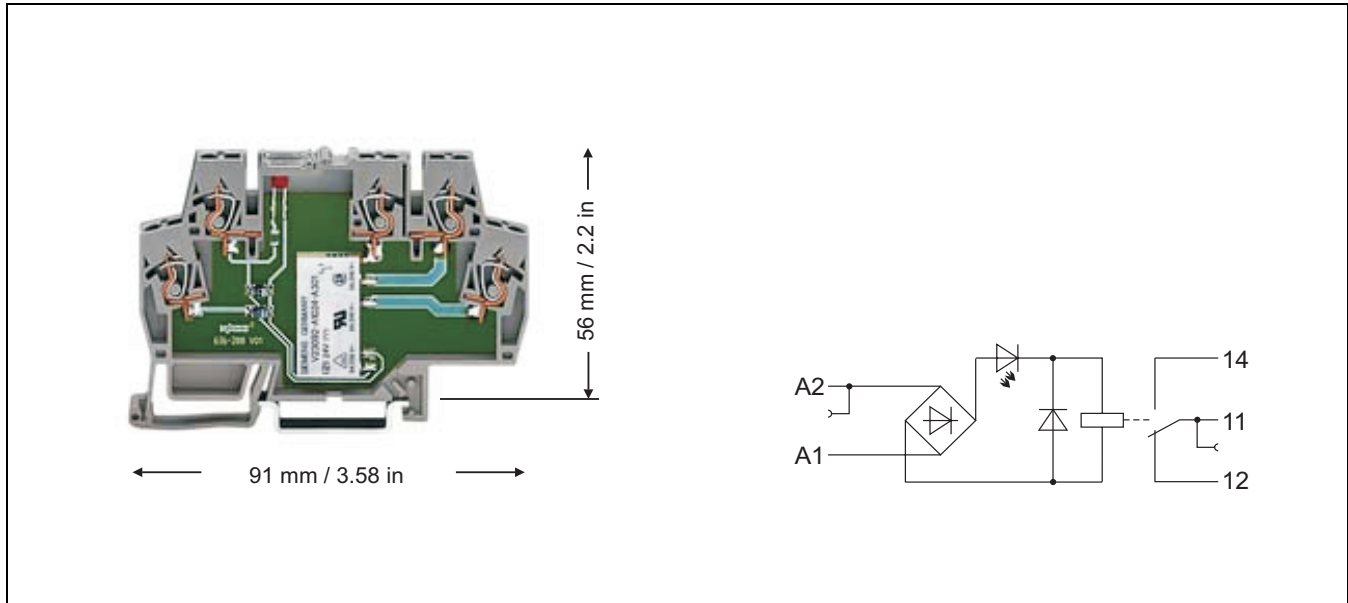


Electronic Terminal Block with Miniature Switching Relay

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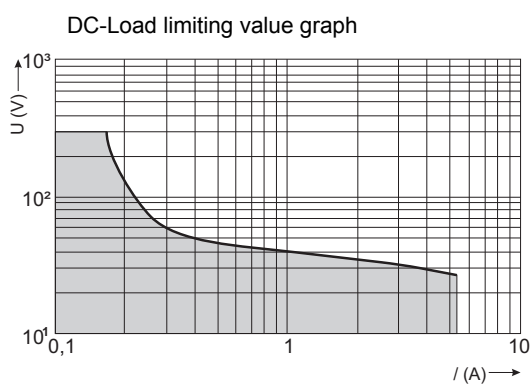
1 changeover contact

Data sheet



Description	Item-No.	Pack.-unit pcs
Switching relay terminal block	859-353	1

- Switching relay terminal block with miniature switching relay 1 changeover contact for medium switching powers.
- Safe electrical isolation meets DIN VDE 0140 and 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	AC/DC 12 V
Input voltage range	U _N -15 %...+20 %
Input nominal current I _N (coil 20 °C)	15 mA
Max. switching voltage	AC 250 V
Max. continuous current (terminal blocks in a row)	5 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	< 300 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	5 x 10 ⁶ switching operations
at max. load (resistive)	3 x 10 ⁴ switching operations
Ambient operating temperature at 0.85 x U _N	-25 °C...+40 °C
at U _N	-25 °C...+50 °C
at 1.2 x U _N	-25 °C...+40 °C
Storage temperature	-40 °C...+70 °C
Terminal block width	6 mm / 0.236 in

Electronic Terminal Block with Miniature Switching Relay

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1 changeover contact

Data sheet

	Wire connection	CAGE CLAMP®
		0.08-2.5 mm ² / AWG 28-14
	Stripped length	5-6 mm / 0.22 in
	Standards / prescriptions	DIN VDE 0160, DIN EN 50178
		DIN VDE 0435 (corresponding parts)
		DIN EN 61810
		DIN VDE 0140, DIN EN 61140
	Approvals	E175199, UL508 at max. continuous current 3 A
	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 1 mm Ø	859-500	