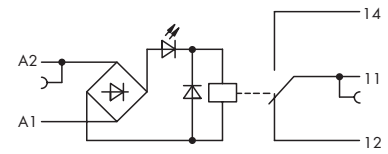
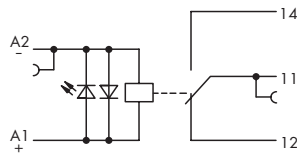
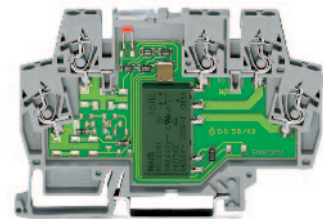
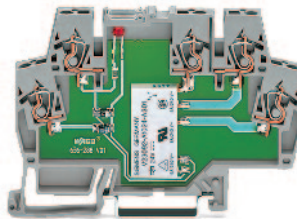
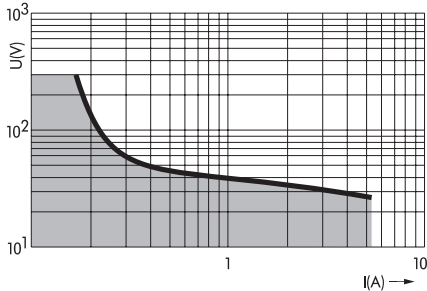


# Rail-Mounted Terminal Blocks with Coupler Function, with CAGE CLAMP® COMPACT Connection, 6 mm / 0.236 in Wide

Relay with 1 changeover contact for normal switching power  
Nominal input voltage  $V_N$   
DC 5 V, 12 V, 24 V, 48 V, 60 V, 110 V, 230 V

Relay with 1 changeover contact for normal switching power  
Nominal input voltage  $V_N$   
AC/DC 12 V, 24 V, 48 V, 60 V, 110 V, 230 V



**Note:** Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts!

Description	$V_N$	$I_N$	Item no.	Pack. unit	$V_N$	$I_N$	Item no.	Pack. unit
Switching relay terminal block with miniature switching relay, for DIN 35 rail	DC 5 V	45 mA	859-302	1	UC 12 V	15 mA	859-353	1
	DC 12 V	17 mA	859-303	1	UC 24 V	8 mA	859-354	1
	DC 24 V	10 mA	859-304	1	UC 48 V	5.3 mA	859-355	1
	DC 48 V	6.5 mA	859-305	1	UC 115 V	3.5 mA	859-357	1
	DC 60 V	5.2 mA	859-306	1	UC 230 V	3.5 mA	859-358	1
	DC 120 V	3.5 mA	859-307	1				
	DC 230 V	3.2 mA	859-308	1				

Technical Data	Accessories see page 388	
Contact material	AgSnO <sub>2</sub>	AgSnO <sub>2</sub>
Input voltage range	$V_N$ -15 % ... +20 %	$V_N$ -15 % ... +20 %
Max. switching voltage	AC 250 V	AC 250 V
max. continuous current (terminal blocks in a row)	5 A	5 A
Max. switching power (resistive)	AC 1250 VA; DC see load limit curve	AC 1250 VA; DC see load limit curve
Recommended minimum load	≥ 100 mA / AC/DC 12 V	≥ 100 mA / AC/DC 12 V
Max. switching frequency with load / without load	6 min <sup>-1</sup> / 20 s <sup>-1</sup>	6 min <sup>-1</sup> / 20 s <sup>-1</sup>
Operating power	< 320 mW	< 300 mW
Pull-in/drop-out/bounce time typ.	5 ms / 6 ms / 5 ms	5 ms / 6 ms / 5 ms
Nominal operating mode	continuous duty	continuous duty
Dielectric strength contact-coil	4 kV	4 kV
Surge capacity contact-coil (1.2/50 μs)	6 kV	6 kV
Surge capacity open contact	1 kV	1 kV
Nominal voltage acc. to VDE 0110 Part 1/4.97, IEC 60664-1	250 V / 4 kV / 3	250 V / 4 kV / 3
Mechanical life	5 x 10 <sup>6</sup> switching operations	5 x 10 <sup>6</sup> switching operations
Mechanical life at max. load (resistance)	3 x 10 <sup>5</sup> switching operations	3 x 10 <sup>4</sup> switching operations
Ambient operating temperature ( $V_N$ )	-25 °C ... +50 °C	-25 °C ... +50 °C
Ambient operating temperature (1.2 x $V_N$ )	-25 °C ... +40 °C	-25 °C ... +40 °C
Storage temperature	-40 °C ... +70 °C	-40 °C ... +70 °C
Dimensions (mm) W x H x L	6 x 56 x 91	6 x 56 x 91
Wire connection	Height from upper edge of DIN 35 rail Terminal blocks with CAGE CLAMP®	Height from upper edge of DIN 35 rail Terminal blocks with CAGE CLAMP®
Cross sections	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14	0.08 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 28 ... 14
Stripped lengths	5 ... 6 mm / 0.22 in	5 ... 6 mm / 0.22 in
Approvals	VDE 0110 / EN 60664; VDE 0435 / EN 61810-5; UL 508; EEx nC II T4 / DEMKO 02 ATEX 132280U	VDE 0110 / EN 60664; VDE 0435 / EN 61810-5; UL 508; EEx nC II T4 / DEMKO 02 ATEX 132280U