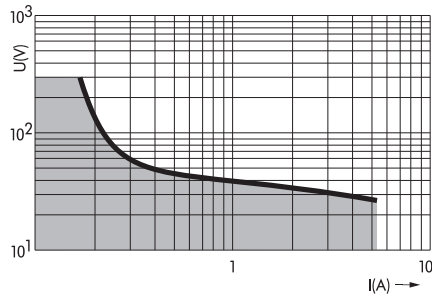


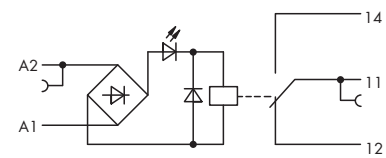
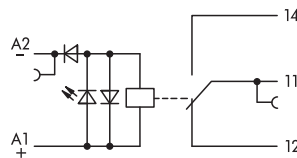
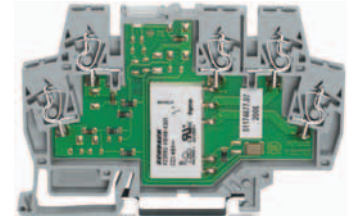
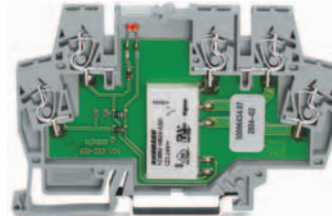
Rail-Mounted Terminal Blocks with Miniature Switching Relay



	Relay with 1 changeover contact (1u) for normal switching power Nominal input voltage V_N 5 V ... 220 V DC	Relay with 1 changeover contact (1u) for normal switching power Nominal input voltage V_N 12 V, 24 V, 48 V, 115 V, 230 V AC/DC
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DC load limit curve



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
Rail-mounted terminal block with miniature switching relay, for DIN 35 rail	5 V DC	31 mA	859-302	1	12 V AC/DC	15 mA	859-353	1
	12 V DC	17 mA	859-303	1	24 V AC/DC	8 mA	859-354	1
	24 V DC	10 mA	859-304	1	48 V AC/DC	5.3 mA	859-355	1
	48 V DC	6.5 mA	859-305	1	60 VAC/DC	4.1 mA	859-356	1
	60 V DC	5.2 mA	859-306	1	115 V AC/DC	3.5 mA	859-357	1
	120 V DC	3.5 mA	859-307	1	230 V AC/DC	3.5 mA	859-358	1
	220 V DC	3.2 mA	859-308	1				

Technical Data	Accessories see page 72	Accessories see page 72
Coil:		
Input voltage range	$V_N - 15\% \dots +20\%$	$V_N - 15\% \dots +20\%$
Contacts:		
Contact material	AgNi	AgNi
Max. continuous current	5 A	5 A
Max. make current	4s (AC), 10A	4s (AC) 10A
Max. switching voltage	250 V AC	250 V AC
Max. switching power (resistive)	1250 VA AC ; DC see load limit curve	1250 VA AC ; DC see load limit curve
Recommended minimum load	10 VDC / 10 mA, 24 VDC / 1 mA	10 VDC / 10 mA, 24 VDC / 1 mA
Pull-in/drop-out/bounce time typ.	5ms / 6ms / 5 ms	5ms / 6ms / 5 ms
Mechanical life	5×10^6 switching operations	5×10^6 switching operations
General specifications:		
Nominal voltage to EN 60664-1	250 V / 4 kV / 2	250 V / 4 kV / 2
Dielectric strength, contact-coil (AC, 1 min)	4 kV _{rms}	4 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}	1 kV _{rms}
Dielectric strength contact-contact (AC, 1 min)	-	-
Ambient operating temperature at V_N	-25 °C ... +50 °C	-25 °C ... +50 °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 CAGE CLAMP®	Height from upper-edge of DIN 35 rail CAGE CLAMP®
Cross sections	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Strip length	5 ... 6 mm / 0.2 ... 0.24 in	5 ... 6 mm / 0.2 ... 0.24 in
Standards/specifications	EN 60664-1; EN 61810-5; UL 508; EEx nC II T4; @	EN 60664-1; EN 61810-5; UL 508; EEx nC II T4; @
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