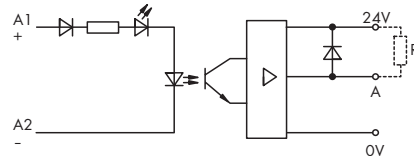
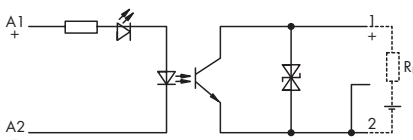
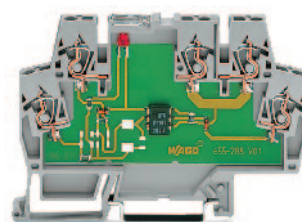
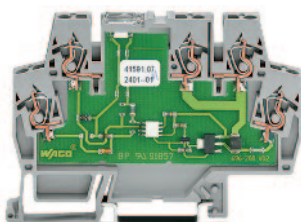
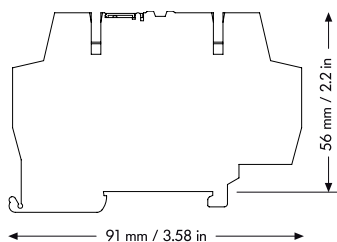


Rail-Mounted Terminal Blocks with Coupler Function, with CAGE CLAMP® COMPACT Connection, 6 mm /0.236 in Wide

	Optocoupler Input: DC 24 V Output: DC 24 V/100 mA	Optocoupler Input: DC 24 V Output: DC 24 V /3 A Negative switching Electrical isolation meets DIN/VDE 0106, part 101
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Description	V _N	Item no.	Pack. unit	V _N	Item no.	Pack. unit
Optocoupler terminal block, for DIN 35 rail	DC 24 V	859-794	1	DC 24 V	859-720	1

Technical Data	Accessories see page 388	
Nominal input voltage (V _N)	DC 24 V	DC 24 V
Input voltage range		DC 16 V ... 30 V
Input voltage range low level	DC 0 V ... 5 V	
Input voltage range high level	DC 16 V ... 30 V	
Input current range	DC 2 mA ... 5.5 mA	DC 2.5 mA ... 5.5 mA
Current at nominal voltage	DC 4.2 mA	DC 4 mA
Output nominal voltage	DC 60 V	DC 24 V
Output voltage range	DC 9 V ... 60 V	DC 10 V ... 30 V
Max. continuous current	100 mA (20 °C) / 50 mA (70 °C)	3 A
Peak output current		20 A
Reverse voltage transistor	100 V	55 V
Switch on /switch off time	20 µs / 120 µs	25 µs / 75 µs
Max. operating frequency	1.5 kHz	
Switching frequency		f < 500 Hz
IL < 2 A / IL < 1 A / IL < 500 mA		f < 1 kHz / f < 2 kHz / f < 3 kHz
Leakage current at rated voltage	25 µA	< 25 µA
Collector / emitter voltage drop U _{ce sat}		≤ 0.5 V
Voltage drop output	≤ 2 V	
Test voltage input / output	2.5 kV eff.	2.5 kV eff.
Nominal operating mode	continuous duty	continuous duty
Ambient operating temperature	-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 ² ... 2.5 mm ² / AWG 28 ... 14	0.08 mm ² ... 2.5 mm ² / 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 nA II T4 / DEMKO 02 ATEX 132280U	VDE 0110 / EN 60664; VDE 0435 / EN 61810-5; UL 508; EEx nA II T4 / DEMKO 02 ATEX 132280U