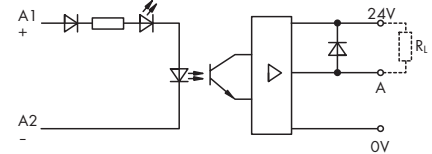
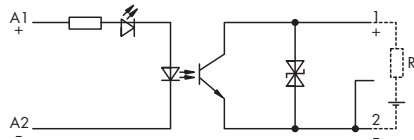
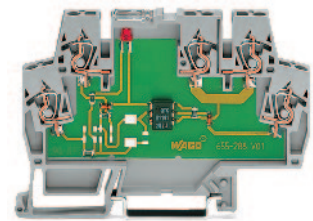
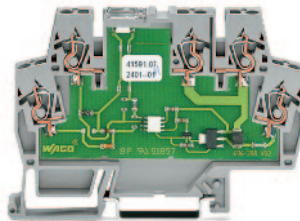
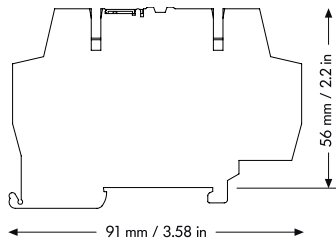


Rail-Mounted Terminal Blocks with Coupler Function, with CAGE CLAMP® COMPACT Connection, 6 mm /0.236 in Wide

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



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

Accessories see page 388

Nominal input voltage (V _N)	DC 24 V	DC 24 V
Input voltage range	DC 0 V ... 5 V	DC 16 V ... 30 V
Input voltage range low level	DC 16 V ... 30 V	DC 2.5 mA ... 5.5 mA
Input voltage range high level	DC 2 mA ... 5.5 mA	DC 4 mA
Input current range	DC 4.2 mA	DC 24 V
Current at nominal voltage	DC 60 V	DC 10 V ... 30 V
Output nominal voltage	DC 9 V ... 60 V	3 A
Output voltage range	100 mA (20 °C) / 50 mA (70 °C)	20 A
Max. continuous current	100 V	55 V
Peak output current	20 µs / 120 µs	25 µs / 75 µs
Reverse voltage transistor	1.5 kHz	f < 500 Hz
Switch on /switch off time	25 µA	f < 1 kHz / f < 2 kHz / f < 3 kHz
Max. operating frequency	≤ 2 V	< 25 µA
Switching frequency	2.5 kV eff.	≤ 0.5 V
IL < 2 A / IL < 1 A / IL < 500 mA	continuous duty	2.5 kV eff.
Leakage current at rated voltage	-25 °C ... +40 °C	continuous duty
Collector / emitter voltage drop U _{ce sat}	-40 °C ... +70 °C	-25 °C ... +40 °C
Voltage drop output	6 x 56 x 91	-40 °C ... +70 °C
Test voltage input / output	Height from upper edge of DIN 35 rail	6 x 56 x 91
Nominal operating mode	Terminal blocks with CAGE CLAMP®	Terminal blocks with CAGE CLAMP®
Ambient operating temperature	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14	0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14
Storage temperature	5 ... 6 mm / 0.22 in	5 ... 6 mm / 0.22 in
Dimensions (mm) W x H x L	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
Wire connection		
Cross sections		
Stripped lengths		
Approvals		