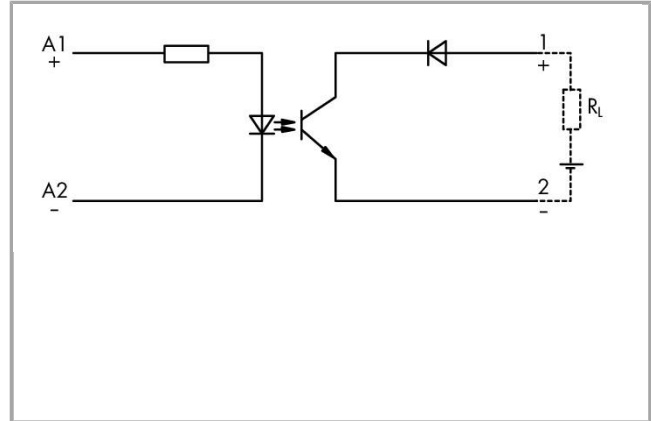


Data sheet | Item number: 286-791

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Frequency: 3 kHz; Red status indicator; Module width: 10 mm



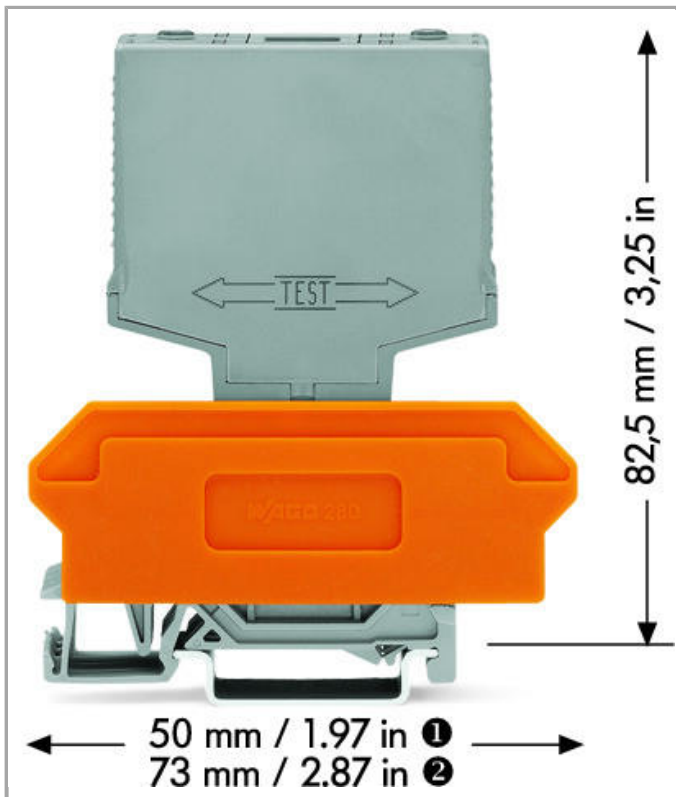
286-791



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■



## Data

## Technical Data

## Control circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range (high level)	DC 15 ... 30 V
Nominal input current at $U_N$	14 mA

## Load circuit:

Circuit type	2-conductor termination
Limiting continuous current	0.1 A
Output voltage range	DC 20 ... 60 V
Max. voltage drop at output	$\leq$ DC 2 V
Leakage current at nominal voltage	$\leq$ 2 $\mu$ A
Turn-on time	$\leq$ 10 $\mu$ s
Drop-out time	$\leq$ 50 $\mu$ s
Switching frequency	$\leq$ 3 kHz

## Safety and protection:

Pollution degree	2
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Dielectric strength, control/load circuit (AC, 1 min)	2.5 kVrms
Protection class	IP20

### Geometrical Data

Width	10 mm / 0.394 inch
Height from upper-edge of DIN-35 rail	82.5 mm / 3.25 inch
Depth	52 mm / 1.654 inch

### Mechanical data

Type of mounting	Pluggable module for carrier terminal blocks
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### Material Data

Color	gray
Fire load	0 MJ
Weight	15.3 g

### Environmental Requirements

Pollution degree	2
Surrounding air (operating) temperature at $U_N$	-25 ... 40 °C
Surrounding air (storage) temperature	-25 ... 40 °C

### Standards and specifications



Standards/specifications	EN 60664-1
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### Commercial data

Product Group	6 (Interface Electronics)
Country of origin	DE
GTIN	4045454397470
Customs Tariff No.	85365005000

### Compatible products

#### Marking accessories

	Item no.: 209-701 WSB marking card; as card; not stretchable; plain; snap-on type	209-701
	Item no.: 209-701/000-002 WSB marking card; as card; not stretchable; plain; snap-on type	209-701 /000-002

	<b>Item no.: 209-701/000-005</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-005	209-701
	<b>Item no.: 209-701/000-006</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-006	209-701
	<b>Item no.: 209-701/000-007</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-007	209-701
	<b>Item no.: 209-701/000-012</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-012	209-701
	<b>Item no.: 209-701/000-017</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-017	209-701
	<b>Item no.: 209-701/000-023</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-023	209-701
	<b>Item no.: 209-701/000-024</b> WSB marking card; as card; not stretchable; plain; snap-on type	/000-024	209-701
<b>General accessories</b>			
	<b>Item no.: 280-608</b> Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®		280-608
	<b>Item no.: 280-618</b> Terminal block for pluggable modules; 4-pole; with 2-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®		280-618
	<b>Item no.: 280-762</b> Terminal block for pluggable modules; 8-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®		280-762

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**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	



**CAD/CAE - Smart Data**

**CAD data**

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Subject to changes.

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