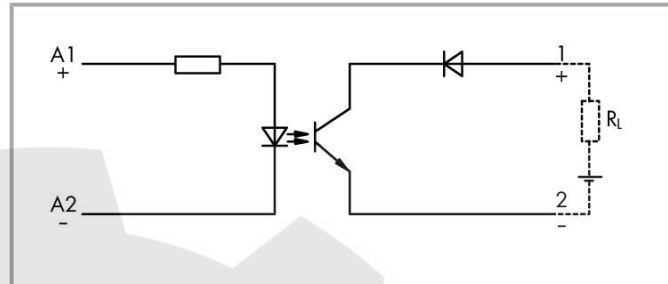
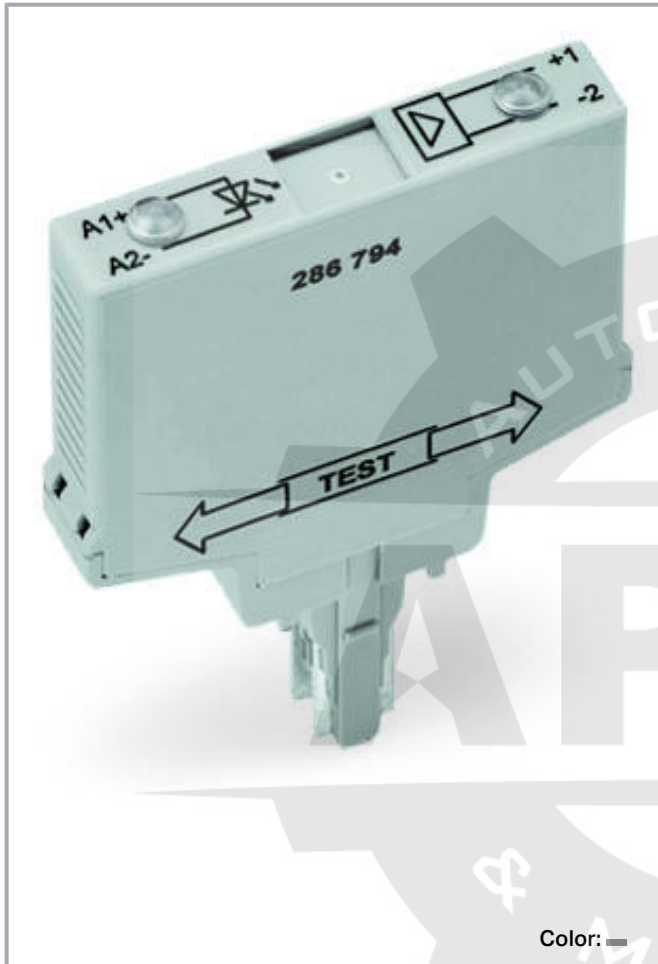


## Data sheet | Item number: 286-794

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

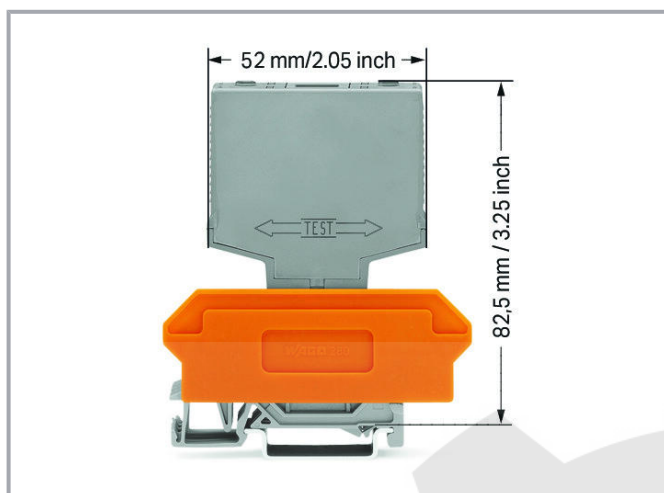
[www.wago.com/286-794](http://www.wago.com/286-794)



Subject to changes. Please also observe the further product documentation!

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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## Data

### Technical data

#### Control circuit

Nominal input voltage $U_N$	DC 24 V
Input voltage range (high level)	DC 18 ... 30 V
Nominal input current at $U_N$	4 mA

#### Load circuit

Circuit type	2-wire connection
Limiting continuous current	0.1 A
Output voltage range	DC 20 ... 60 V
Voltage drop at output (max.)	$\leq$ DC 2 V
Leakage current at rated voltage	$\leq$ 2 $\mu$ A
Turn-on time	$\leq$ 80 $\mu$ s
Turn-off time	$\leq$ 100 $\mu$ s
Switching frequency	$\leq$ 1.5 kHz

#### Safety and protection

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

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## Physical data

Width	10 mm / 0.394 inch
Height from upper-edge of DIN-rail	82.5 mm / 3.25 inch
Depth	52 mm / 2.047 inch

## Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks
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## Material data

Color	gray
Weight	16.3 g

## Environmental requirements

Surrounding air temperature (operation at $U_N$ )	-25 ... 60 °C
Surrounding air temperature (storage)	-25 ... 40 °C
Processing temperature	-25 ... +50 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

## Standards and specifications



Standards/Specifications	EN 60664-1
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## Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4045454586218
Customs tariff number	8541500080

## Optional accessories

### Clamps

	<b>Item no.: 280-608</b> Terminal block for pluggable modules; 4-pole; with 4-conductor terminal blocks; with orange separator; <a href="http://www.wago.com/280-608">www.wago.com/280-608</a> for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm <sup>2</sup> ; CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray
	<b>Item no.: 280-618</b> Terminal block for pluggable modules; 4-pole; with 2-conductor terminal blocks; with orange separator; <a href="http://www.wago.com/280-618">www.wago.com/280-618</a>

Subject to changes. Please also observe the further product documentation!

for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray**Item no.: 280-762**Terminal block for pluggable modules; 4-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®; 2,50 mm<sup>2</sup>; gray[www.wago.com/280-762](http://www.wago.com/280-762)**Marking accessories****Item no.: 209-701**

WSB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/209-701](http://www.wago.com/209-701)**Downloads****Documentation****Bid Text**

286-794	Feb 19, 2019	xml	Download
X81 - Datei		3.8 kB	

286-794	Feb 20, 2019	docx	Download
docx - Datei		15.7 kB	

**Instruction Leaflet**

pdf	Download
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**Additional Information**

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

**CAD files****CAD data**

2D/3D Models 286-794	URL	Download
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**CAE data**

WSCAD Universe 286-794	URL	Download
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ZUKEN Portal 286-794	URL	Download
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**Environmental Product Compliance****Compliance Search**

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Environmental Product Compliance 286-794

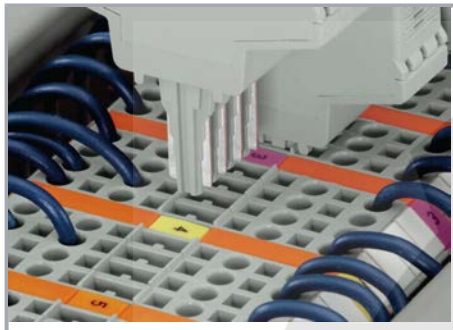
Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 ... 60

VDC; Limiting continuous current: 0.1 A; 2-wire connection; Red status indicator;

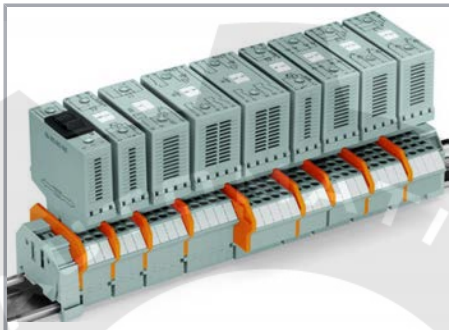
Module width: 10 mm; gray

## Installation Notes

### Assembly



Coding ensures correct polarity.



Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

### Marking



Marking via WMB Multi Marking System.

### Testing

Subject to changes. Please also observe the further product documentation!



Function testing via touch-proof test slots



Subject to changes. Please also observe the further product documentation!

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