

**Data sheet | Item number: 286-794**

Optocoupler module; Nominal input voltage: 24 VDC; Red status indicator;  
gray

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



**Color:**



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

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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
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Limiting continuous current	0.1 A
Output voltage range	DC 20 ... 60 V
Voltage drop at output (max.)	≤ DC 2 V
Voltage drop	≤ 2 VDC
Leakage current at rated voltage	≤ 2 μA
Turn-on time	≤ 80 μs
Turn-off time	≤ 100 μs
Switching frequency	≤ 1.5 kHz

### Safety and protection

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

### Physical data

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

### Mechanical data

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

Color	gray
Fire load	7.69 MJ
Weight	16.3 g

### Environmental requirements

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

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## Standards and specifications

Standards/specifications	EN 60664-1
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## Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 8.0	EC001504
ETIM 7.0	EC001504
Recupel Type	
PU (SPU)	25 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454586218
Customs tariff number	85365005000

## Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(c)-I

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>EAC</b> Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC_Certificate_RU_C- DE.AM02.B.00115_19

## Optional accessories

### Terminal blocks

Terminal block for pluggable modules
<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> 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.: 280-762</b>

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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****Marker****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 docx - Datei	2019 年2月20 日	docx 15.7 kB	Download
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286-794 X81 - Datei	2019 年2月19 日	xml 3.8 kB	Download
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**Instruction Leaflet**

		pdf 1.3 MB	Download
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**Additional Information**

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 年8月18 日	pdf 2.2 MB	Download
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**CAD/CAE-Data****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**

Environmental Product Compliance 286-794

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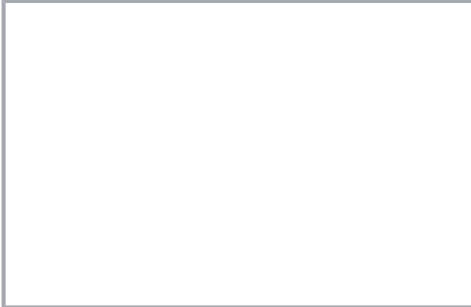
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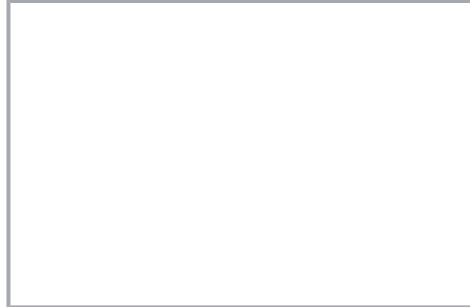
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## Installation Notes

### Installation



Coding ensures correct polarity.



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

### Marking



Marking via WMB Multi Marking System.

### Testing



Function testing via touch-proof test slots

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