

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; gray



www.wago.com/286-791



Color:

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

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Data

Notes

Note

Optocouplers and solid state relays are designed for use in signal processing networks, which are not supplied by the low-voltage power supply networks.

Technical data

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

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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-wire connection
Limiting continuous current	0.1 A
Output voltage range	DC 20 ... 60 V
Voltage drop at output (max.)	\leq DC 2 V
Voltage drop	\leq 2 VDC
Leakage current at rated voltage	\leq 2 μ A
Turn-on time	\leq 10 μ s
Turn-off time	\leq 50 μ s
Switching frequency	\leq 3 kHz

Safety and protection

Rated voltage	300 V
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	2.5 kVrms
Insulation type (control/load circuit)	Basic insulation
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
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Subject to changes. Please also observe the further product documentation!



Fire load	0.508 MJ
Weight	15.3 g

Environmental requirements

Ambient temperature (operation at U _N)	-25 ... +40 °C
Ambient 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 61010-2-201 EN 61000-6-1 EN 61000-6-2 EN 61000-6-3
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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	4045454397470
Customs tariff number	85365005000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

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

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Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Marking accessories

Marker		
	Item no.: 209-701 WSB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/209-701

Terminal blocks

Terminal block for pluggable modules		
	Item no.: 280-608 Terminal block for pluggable modules; 4-pole; with 4-conductor terminal blocks; with orange separator; www.wago.com/280-608 for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	
	Item no.: 280-618 Terminal block for pluggable modules; 4-pole; with 2-conductor terminal blocks; with orange separator; www.wago.com/280-618 for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	
	Item no.: 280-762 Terminal block for pluggable modules; 4-pole; with 4-conductor terminal blocks; with marker carrier; www.wago.com/280-762 with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm ² ; CAGE CLAMP®; 2,50 mm ² ; gray	

Downloads

Documentation

Bid Text

286-791 docx - Datei	2019 年2月20 日	docx 15.7 kB	Download
286-791 X81 - Datei	2019 年2月19 日	xml 3.8 kB	Download

Instruction Leaflet

		pdf 1.3 MB	Download
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Additional Information

Disposal and Recycling

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CAD/CAE-Data

CAD data

2D/3D Models 286-791

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-791

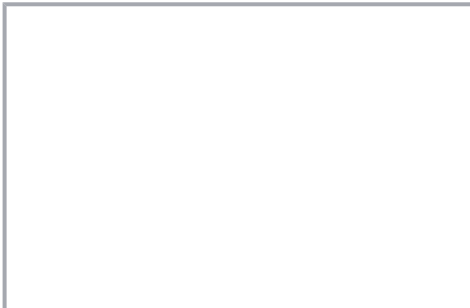
URL

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Installation Notes

Installation



Coding ensures correct polarity.



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

Marking

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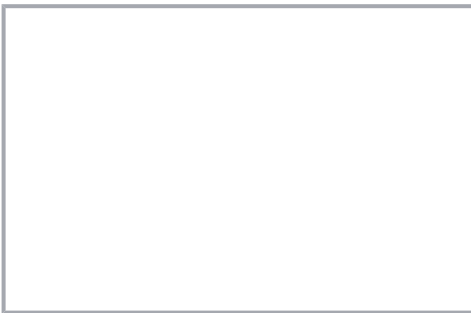
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Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots

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