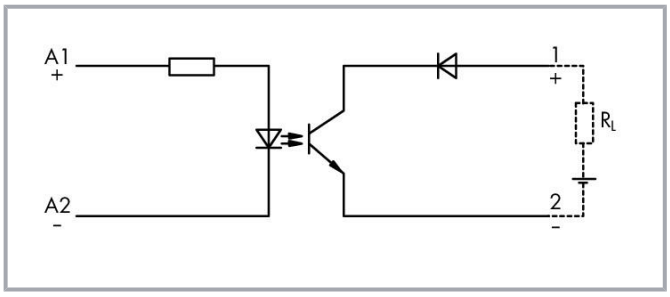
Data sheet | Item number: 286-791

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

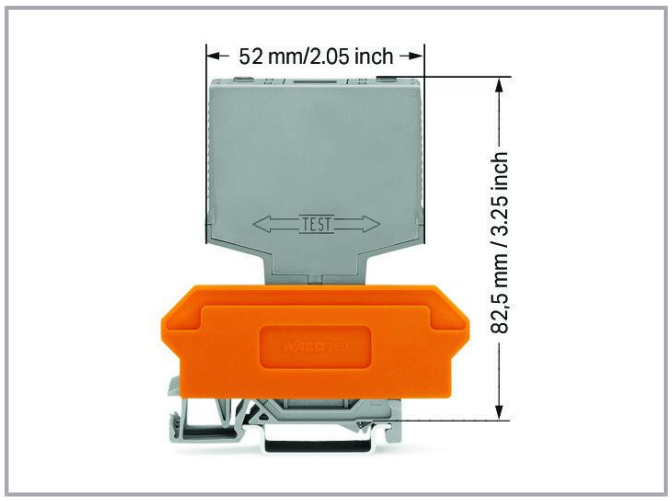




Subject to changes. Please also observe the further product documentation!

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Data

Notes

Note	Optocouplers and solid state relays are designed for use in signal processing networks that are not supplied directly by the low-voltage power supply network.

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-wire connection
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	≤ 10 µs
Turn-off time	≤ 50 µs
Switching frequency	≤ 3 kHz

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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

Material data

Color	gray
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	
ECCN	NO DATA
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,With Exemption
RoHS Exemption	7(c)-I

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081

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	-	-

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Optional accessories

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; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray
www.wago.com/280-608



Item no.: 280-618
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 mm²; CAGE CLAMP®; 2,50 mm²; gray
www.wago.com/280-618



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 mm²; CAGE CLAMP®; 2,50 mm²; gray
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

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

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

CAD/CAE-Data

CAD data

2D/3D Models 286-791

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	URL	Download

CAE data

WSCAD Universe 286-791	URL	Download
ZUKEN Portal 286-791	URL	Download

Asset Administration Shell

Asset Administration Shell 286-791	URL	Download

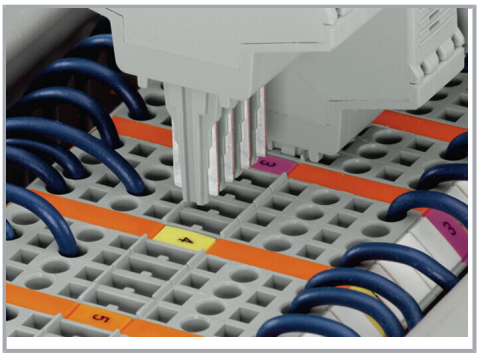
Environmental Product Compliance

Compliance Search

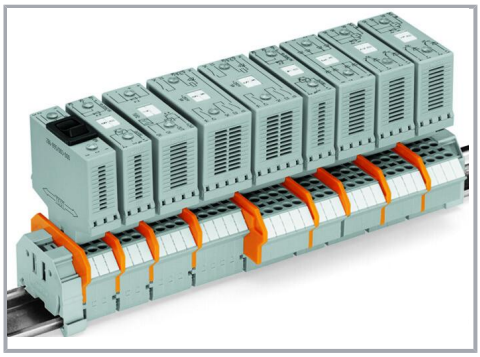
Environmental Product Compliance 286-791 Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 … 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Frequency: 3 kHz; Red status indicator; Module width: 10 mm; gray	URL	Download

Installation Notes

Installation



Coding ensures correct polarity.

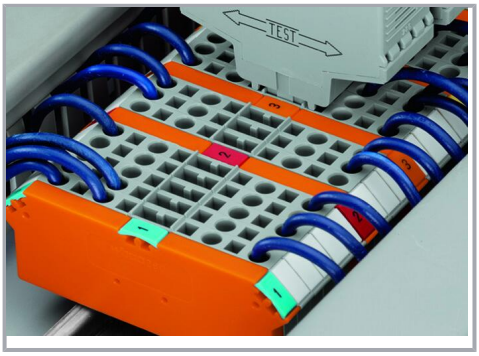


Pluggable electronic modules on 2- or 4-conductor carrier terminal blocks

Marking

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Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots

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