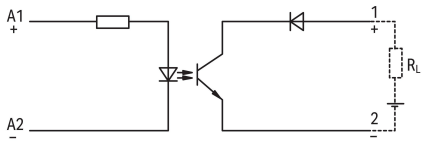
Data Sheet | Item Number: 286-791

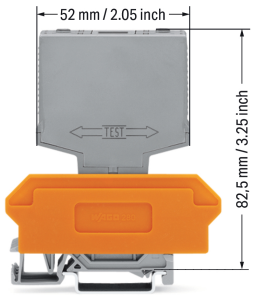
Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 … 60 VDC; Limiting continuous current: 0.1 A; 2-wire connection; Frequency: 3 kHz; Red status indicator; Module width: 10 mm; gray

https://www.wago.com/286-791





Color: gray



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	24 VDC
Input voltage range (high level)	15 … 30 VDC
Nominal input current at U_N	14 mA

Load circuit

Circuit type	2-wire connection
Limiting continuous current	0.1 A
Output voltage range	20 … 60 VDC
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

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	52 mm / 2.047 inches
Depth from upper-edge of DIN-rail	82.5 mm / 3.25 inches
Note (dimensions)	Depth including carrier terminal block

Mechanical data

Mounting type	Pluggable module for receptacle terminal blocks

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.254 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

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	25 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454397470
Customs tariff number	85365005000

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Product Classification

UNSPSC	39121521
eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 9.0	EC001504
ETIM 10.0	EC001504
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	1303-86-2 1317-36-8
REACH Candidate List Substance	Diboron trioxide Lead monoxide
RoHS Compliance Status	Compliant,No Exemption
SCIP notification number (Austria)	03324433-faeb-4ce2-afc3-bff2c6f116c3
SCIP notification number (Belgium)	5d6b7292-e4e6-4d27-858b-0287e49dbe07
SCIP notification number (Bulgaria)	8bd93a1a-3349-4a7b-b65f-c2bfdc24af86
SCIP notification number (Czech Republic)	0c450226-b0a4-4a54-aee8-4b0458122d4c
SCIP notification number (Denmark)	50f275e7-9333-49f4-bb42-64aef9a1fccf
SCIP notification number (Finland)	a87073e2-7a0e-45b2-8631-2883d43d259b
SCIP notification number (France)	6769a1c1-d988-44a9-a1ed-cfe8f845e7d9
SCIP notification number (Germany)	66a127ae-0036-498c-b8f4-372fb5f0b883
SCIP notification number (Hungary)	7e99629b-c308-48ee-8e4a-cc0178d1fb66
SCIP notification number (Italy)	fff8c330-55b0-4078-a149-0c9261a735a7
SCIP notification number (Netherlands)	d0ecfb9e-4322-483b-8529-ca0b17f874b8
SCIP notification number (Poland)	40a94ff3-356d-4084-ae59-fb85ca7ebf86
SCIP notification number (Romania)	9a2b58d4-4095-4903-8391-1d7a024d5f95
SCIP notification number (Sweden)	179414c1-1552-47a0-b768-5de9eb74dcff

Approvals / Certificates

General approvals

EAC

Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-791

Continued on next page

Documentation

Bid Text

286-791	19.02.2019	xml 3.67 KB	
286-791	20.02.2019	docx 15.36 KB	

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB	

CAD/CAE-Data

CAD data

2D/3D Models 286-791

CAE data

WSCAD Universe
286-791

ZUKEN Portal 286-791

1 Compatible Products

1.1 Optional Accessories

1.1.1 Marking

1.1.1.1 Marker



Item No.: 209-701
WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.2 Terminal blocks

1.1.2.1 Terminal block for pluggable modules

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



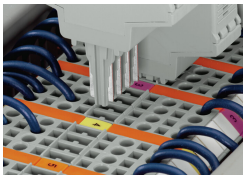
Item No.: 280-762
Terminal block for pluggable modules; 4-pole; with 4-conductor terminal blocks; with marker carrier; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray



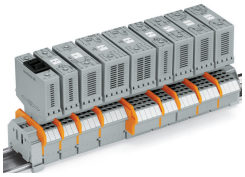
Item No.: 280-608
Terminal block for pluggable modules; 4-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

Installation Notes

Installation



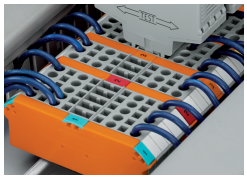
Coding ensures correct polarity.



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

Continued on next page

Marking



Marking via WMB Multi Marking System.

Testing



Function testing via touch-proof test slots