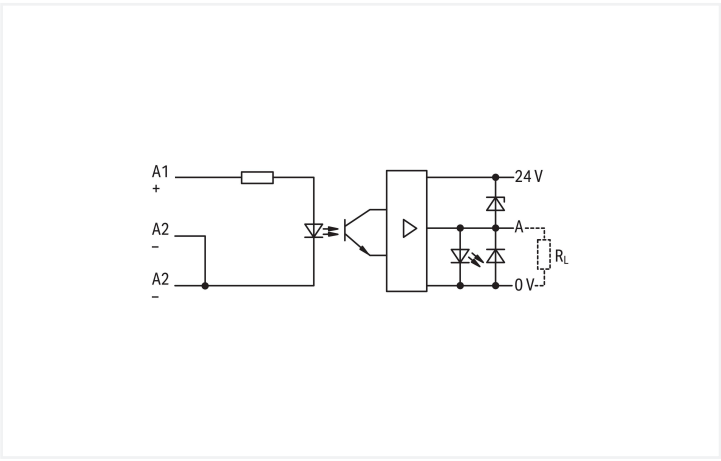
Data Sheet | Item Number: 286-752

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 20 … 30 VDC; Limiting continuous current: 0.5 A; 3-wire connection/high-side switching; Frequency: 25 kHz; Red status indicator; Module width: 15 mm; gray

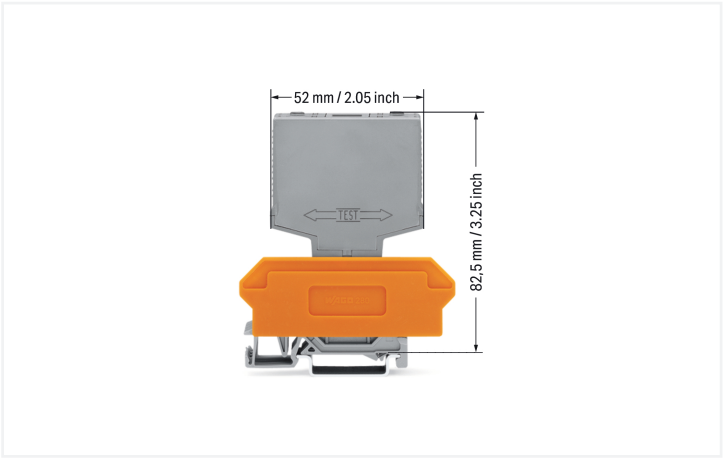
https://www.wago.com/286-752





Color: gray

Similar to illustration



Technical data

Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range (high level)	12 … 30 VDC
Nominal input current at U_N	15 mA
Input current range	5 … 20 mA

Load circuit

Circuit type	3-wire connection High-side switching
Limiting continuous current	0.5 A
Nominal output voltage	24 VDC
Output voltage range	20 … 30 VDC
Voltage drop	≤ 1.2 VDC
Leakage current at rated voltage	≤ 2 µA
Output closed-circuit current (without load) max.	12 mA
Turn-on time	≤ 7 µs
Turn-off time	≤ 15 µs
Switching frequency	≤ 25 kHz

Continued on next page

Signaling

Status indicator	Red LED

Safety and protection

Rated Voltage	300 V
Overvoltage category	II
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	3 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)
Protection type	IP20

Physical data

Width	15 mm / 0.591 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	0.292 MJ
Weight	17.9 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 60664-1

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	15 (1) pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821336822
Customs tariff number	85365005000

Continued on next page

Product Classification

UNSPSC	39121524
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 7439-92-1 79-94-7
REACH Candidate List Substance	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol Diboron trioxide Lead Lead monoxide
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	91c1bc41-7f23-4667-afab-1cc8f397041d
SCIP notification number (Belgium)	59291bb7-6715-4305-a6ac-026289a37a78
SCIP notification number (Bulgaria)	255f7aa0-44c5-401b-943a-3e32845efa29
SCIP notification number (Czech Republic)	0a60f7e5-d3eb-4841-b400-86b097208136
SCIP notification number (Denmark)	a8414404-fd30-4c66-b614-558f629f3637
SCIP notification number (Finland)	49f1cbac-9b0e-49c7-a3b1-0ac95a75ae93
SCIP notification number (France)	5a2a1ac6-6d57-4011-987e-3202499d4f2e
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SCIP notification number (Hungary)	d26508ba-dd8e-402b-bdc2-a81578b97b19
SCIP notification number (Italy)	569a7147-d641-49c5-bd6c-8e4c014389c6
SCIP notification number (Netherlands)	bbd1ca30-ce5a-49e7-9b83-a33be4155078
SCIP notification number (Poland)	55c44a10-dd13-47ed-a114-f18073a715ad
SCIP notification number (Romania)	ccf66361-736c-407a-9a99-67910f4339c7
SCIP notification number (Sweden)	5bbb2d29-129b-4c9f-9b06-535236c358e5

Approvals / Certificates

General approvals

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	-	-

Continued on next page

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 286-752

Documentation

Bid Text

286-752	19.02.2019	xml 3.80 KB
286-752	20.02.2019	docx 14.99 KB

Instruction Leaflet

Operation and Assembly Instructions Interface	V 1.0.0 02.04.2025	pdf 1246.19 KB

CAD/CAE-Data

CAE data

WSCAD Universe 286-752

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.: 280-619
Terminal block for pluggable modules; 6-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.: 280-763
Terminal block for pluggable modules; 6-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

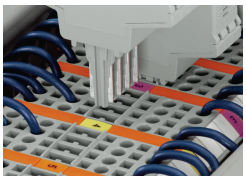


Item No.: 280-609
Terminal block for pluggable modules; 6-pole; with 4-conductor terminal blocks; with orange separator; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; gray

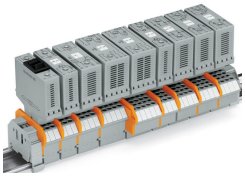
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Installation Notes

Installation

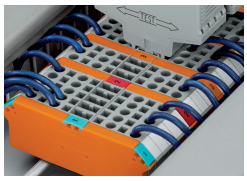


Coding ensures correct polarity.



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