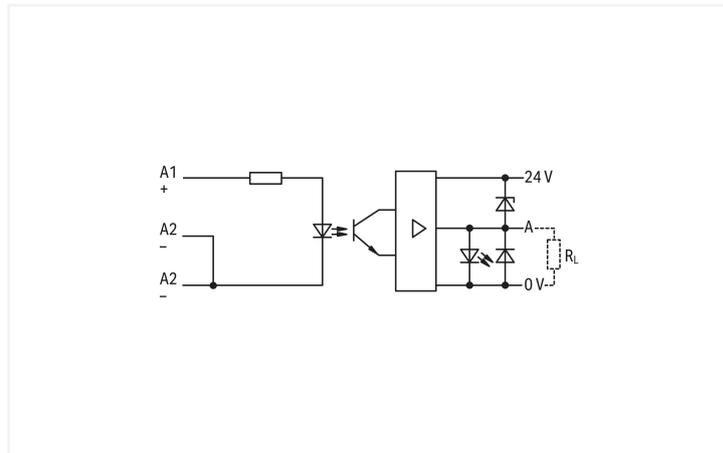


Data Sheet | Item Number: 286-752

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

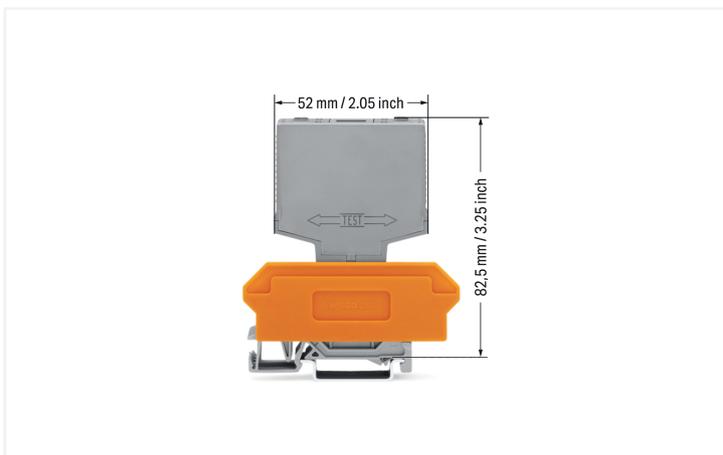


<https://www.wago.com/286-752>



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 μ A
Output closed-circuit current (without load) max.	12 mA
Turn-on time	≤ 7 μ s
Turn-off time	≤ 15 μ s
Switching frequency	≤ 25 kHz

Signaling

Status indicator	Red LED
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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)	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
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Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Fire load	0.325 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
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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

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
SCIP notification number (Germany)	f210cda7-dc0e-44ad-9f72-3dc9df4c7252
SCIP notification number (Hungary)	d26508ba-dd8e-402b-bdc2-a81578b97b19
SCIP notification number (Italy)	569a71147-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			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
			EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name			
EAC GZO Almaty Standart	TP TC 020/2011	EAC CoC 03081			

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

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