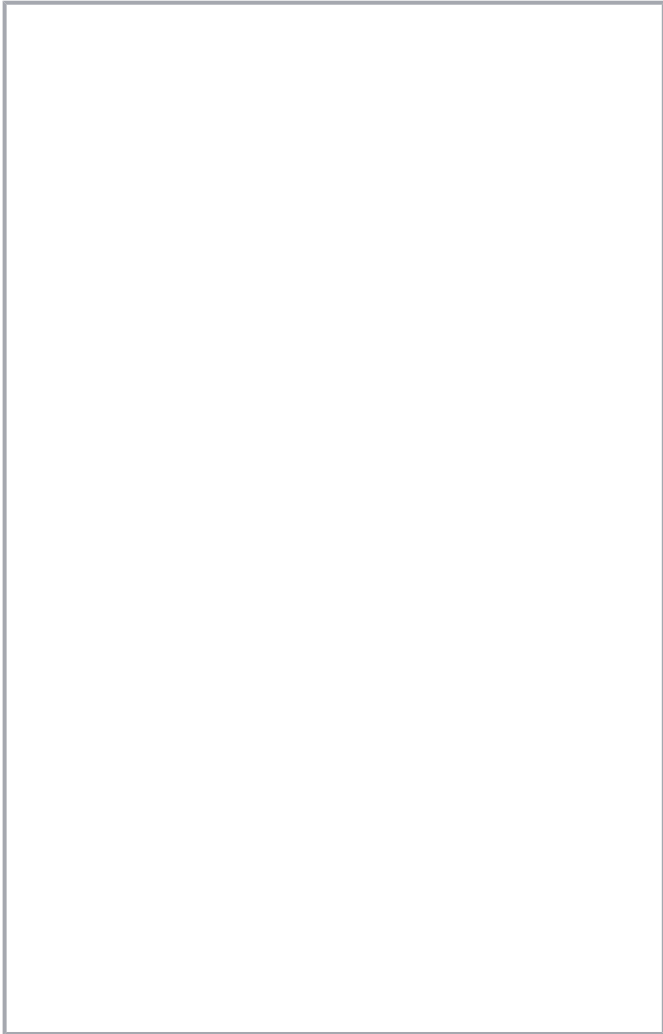
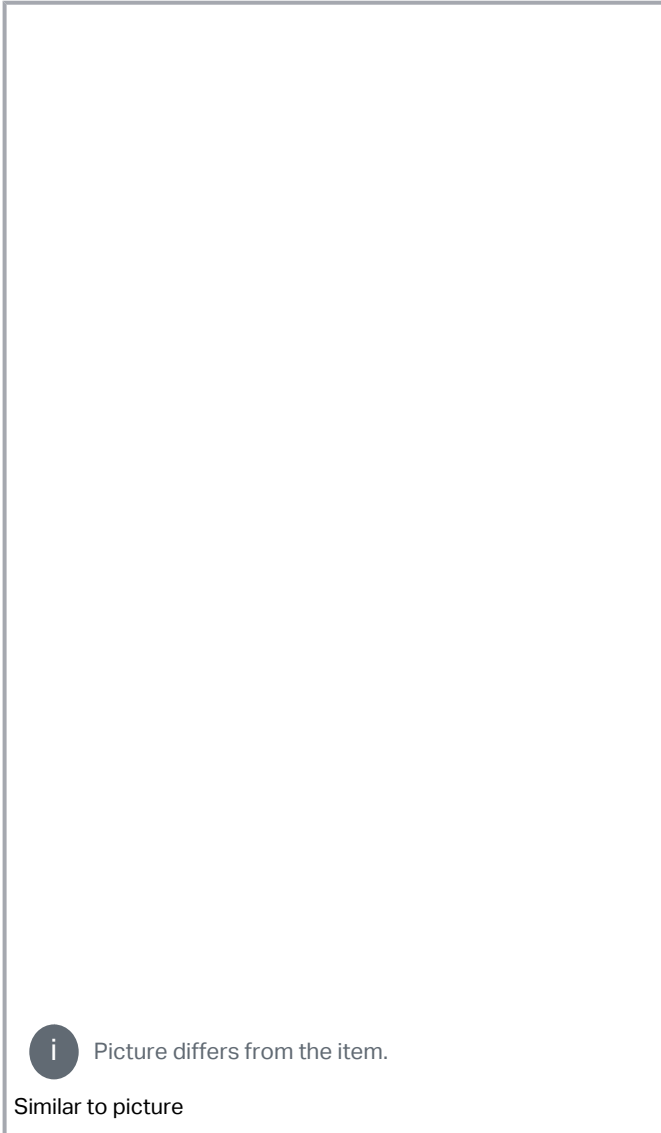


Data sheet | Item number: 289-614

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



www.wago.com/289-614



Data

Electrical data

Operating voltage	≤ AC/DC 125 V
Nominal current	1 A

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

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Safety and protection

Rated voltage	125 V
Pollution degree	2
Protection type	IP00; Notice! Live parts can be easily touched! Protection against direct contact must be provided by the equipment manufacturer, e.g., using a WAGO 709 Series Cover (see "Accessories") or a similar cover. The installation guidelines must be observed for each individual application.
Dielectric strength (channel/channel) (AC, 1 min.)	1.3 kV _{rms}
Insulation type	Functional insulation

Compatibility

Siemens

Siemens ET200SP	6ES7 134-6FF00-0AA1 6ES7 134-6FB00-0BA1 6ES7 134-6HD01-0BA1 6ES7 134-6HD01-2BA1 6ES7 134-6HB00-0CA1 6ES7 134-6HB00-0DA1 6ES7 134-6GF00-0AA1 6ES7 134-6GB00-0BA1 6ES7 134-6GD01-0BA1 6ES7 134-6GD01-2BA1 6ES7 134-6JF00-0CA1 6ES7 134-6JF00-2CA1 6ES7 134-6JD00-0CA1 6ES7 134-6JD00-2CA1 6ES7 134-6TD00-0CA1 6ES7 135-6FB00-0BA1 6ES7 135-6GB00-0BA1 6ES7 135-6HD00-0BA1 6ES7 135-6HB00-0CA1 6ES7 135-6HB00-0DA1
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Connection data

Performance level	3 / 50 mating cycles
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Connection 1

Connector	DIN 41651 connector; male connector
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Subject to changes. Please also observe the further product documentation!



Pole number 1	20
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2

Design 2	PCB terminal blocks (triple-deck)
Pole number 2	20
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
WAGO connector 2	WAGO 737 Series
Solid conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length 2	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data

Width	47 mm / 1.85 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	62 mm / 2.441 inches

Mechanical Data

Mounting type	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (connector)	Au over Ni
Fire load	0.97 MJ
Weight	37.8 g

Environmental requirements

Ambient temperature (operation)	-20 ... +55 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	85% (non-condensing)

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



Standards and specifications

Standards/specifications	EN 61010-2-201
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Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
Recupel Type	
PU (SPU)	5 (1) pcs
Packaging type	box
Country of origin	DE
GTIN	4045454011543
Customs tariff number	85366990990

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 004/2011	EAC RU C-DE.AM02.B.00122 /19

Optional accessories

Marking accessories

Marking strip		
Item no.: 709-196 Marking strips; for laser printer; translucent		www.wago.com/709-196
Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white		www.wago.com/709-178

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

**Item no.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent

www.wago.com/709-177**Tool**

Operating tool

Item no.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720**Cables and pluggable connectors**

System cable

Item no.: 706-2300/301-300System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/301-300**Item no.: 706-2300/301-200**System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/301-200**Item no.: 706-2300/100-200**System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 2 m; Conductor cross-section: 0.34 mm²www.wago.com/706-2300/100-200**Item no.: 706-2300/200-100**System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/200-100**Item no.: 706-2300/100-100**System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 1 m; Conductor cross-section: 0.34 mm²www.wago.com/706-2300/100-100**Item no.: 706-2300/100-300**System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 3 m; Conductor cross-section: 0.34 mm²www.wago.com/706-2300/100-300**Item no.: 706-2300/101-200**System cable; for Siemens S7-300; 16 digital inputs; Length: 2 m; Conductor cross-section: 0.34 mm²www.wago.com/706-2300/101-200**Item no.: 706-2300/200-300**System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/200-300**Item no.: 706-2300/101-300**System cable; for Siemens S7-300; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.34 mm²www.wago.com/706-2300/101-300**Item no.: 706-2300/200-200**System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/200-200**Item no.: 706-2300/300-100**System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²www.wago.com/706-2300/300-100

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

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Item no.: 706-2300/101-100 System cable; for Siemens S7-300; 16 digital inputs; Length: 1 m; Conductor cross-section: 0.34 mm ²	www.wago.com/706-2300/101-100
Item no.: 706-2300/301-100 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/301-100
Item no.: 706-2300/300-200 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/300-200
Item no.: 706-2300/300-300 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/300-300
Item no.: 706-7753/301-200 System cable; for WAGO-I/O-SYSTEM, 753 Series; 2 x 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-7753/301-200
Connecting cable	
Item no.: 706-100/1300-200 Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 2 m; Conductor cross-section: 0.14 mm ² ; UR components	www.wago.com/706-100/1300-200
Item no.: 706-100/1300-400 Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; Length: 4 m; Conductor cross-section: 0.14 mm ² ; UR components	www.wago.com/706-100/1300-400

Downloads

Documentation

Bid Text

289-614 X81 - Datei	2019 年2月19 日	xml 3.6 kB	Download
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289-614 doc - Datei	2015 年11月20 日	doc 26.1 kB	Download
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Instruction Leaflet

		pdf 1.3 MB	Download
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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
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CAD/CAE-Data

CAD data

2D/3D Models 289-614	URL	Download
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CAE data

EPLAN Data Portal 289-614	URL	Download
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WSCAD Universe 289-614	URL	Download
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ZUKEN Portal 289-614	URL	Download
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Environmental Product Compliance

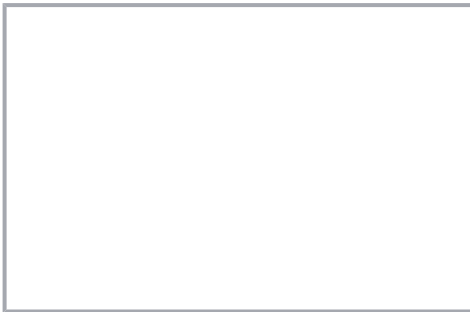
Compliance Search

Environmental Product Compliance 289-614	URL	Download
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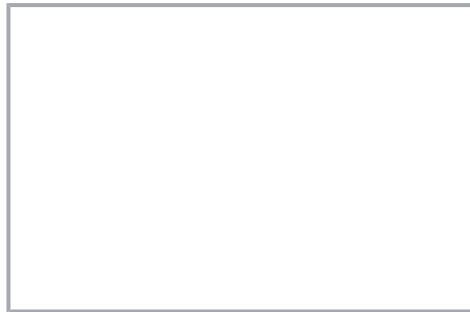
Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

Installation Notes

Conductor termination



Conductor termination – screwdriver actuation parallel to conductor entry



Conductor termination – screwdriver actuation perpendicular to conductor entry

Installation

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



Snapping a module onto DIN-rail.



Removing a module from the DIN-rail.

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