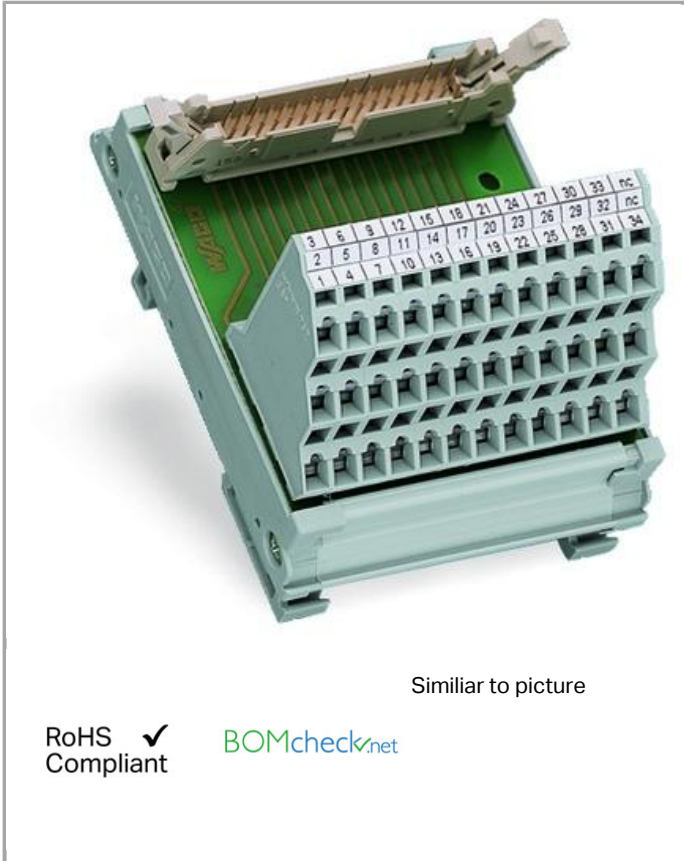


Data sheet | Item number: 289-614

Interface module; for flat cable connectors per DIN 41651; 20-pole

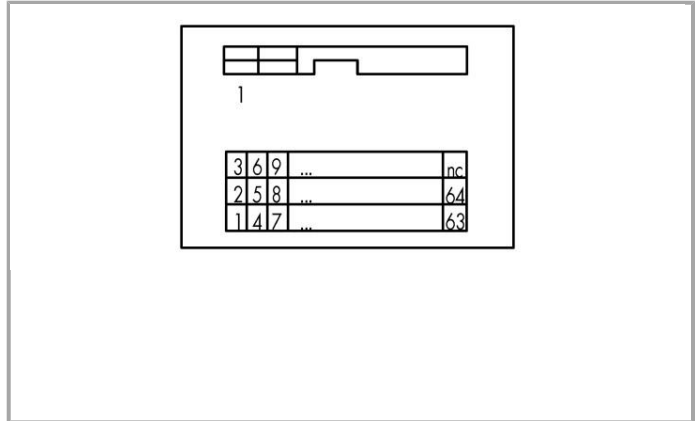
www.wago.com/289-614



Similar to picture

RoHS Compliant

BOMcheck.net



Data

Electrical data

Operating voltage	≤ 100 VAC; ≤ 125 VDC
Nominal current	1 A

Safety and protection:

Rated voltage	100 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Degree of protection	IP20

Connection data

No. of poles	20
Connection type (1)	System
No. of poles	20



Pluggable connector	Pluggable connector per DIN 41651; male connector
Mating direction	Vertical
Connection type (2)	Field
No. of poles 2	20
Design 2	PCB terminal blocks, 3-deck
Connection technology 2	CAGE CLAMP®
WAGO terminal 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 Inch
Note (conductor cross-section)	12 AWG: THHN, THWN
Performance level	3 / 50 mating cycles

Geometrical Data

Width	47 mm / 1.85 inch
Height from upper-edge of DIN-35 rail	62 mm / 2.441 inch
Depth	85 mm / 3.346 inch

Mechanical data

Type of mounting	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (pluggable connector)	Au over Ni
Fire load	1.129 MJ
Weight	69 g

Environmental Requirements

Surrounding air (operating) temperature	-20 ... 55 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Relative humidity	≤ 85 % (non condensing)

Standards and specifications

Standards/specifications	IEC 60603-1 / DIN 41651 Part 1 and 2
--------------------------	--------------------------------------

Commercial data




Country of origin	DE
GTIN	4045454011543
Customs Tariff No.	85369010000

Product Group

6 (Interface Electronics)

Compatible products

Marking accessories

	Item no.: 709-177 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	www.wago.com/709-177
	Item no.: 709-178 Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type	www.wago.com/709-178
	Item no.: 709-196 Marking strips; for laser printer	www.wago.com/709-196

wiring and connectors

	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; 4m; Conductor cross-section: 0.14 mm ² ; UR components	www.wago.com/706-100/1300-400
	Item no.: 706-2300/100-100 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/100-100
	Item no.: 706-2300/100-200 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 2 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/100-200
	Item no.: 706-2300/100-300 System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/100-300
	Item no.: 706-2300/101-100 System cable; for Siemens S7-300; 16 digital inputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/101-100
	Item no.: 706-2300/101-200 System cable; for Siemens S7-300; 16 digital inputs; Length: 2 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/101-200
	Item no.: 706-2300/101-300 System cable; for Siemens S7-300; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/101-300
	Item no.: 706-2300/200-100 System cable; for Siemens S7-300; 2 x 16 digital outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/200-100
	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 mm ²	www.wago.com/706-2300/200-200
	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 mm ²	www.wago.com/706-2300/200-300
	Item no.: 706-2300/300-100 System cable; for Siemens S7-300; 16 digital inputs or outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/300-100
	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.: 706-2300/301-100 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m (1 MOhm); Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/301-100
	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 mm ²	www.wago.com/706-2300/301-200
	Item no.: 706-2300/301-300 System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 3 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-2300/301-300
	Item no.: 706-7753/301-200 System cable; for WAGO-I/O-SYSTEM, 753 Series; 16 digital inputs or outputs; Length: 2 m; Conductor cross-section: 0.14 mm ²	www.wago.com/706-7753/301-200
tools		
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	www.wago.com/210-720

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	Download
		265.8 kB

smartDATA

CAD data

3D Download 289-614	URL	Download
---------------------	-----	----------



Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.