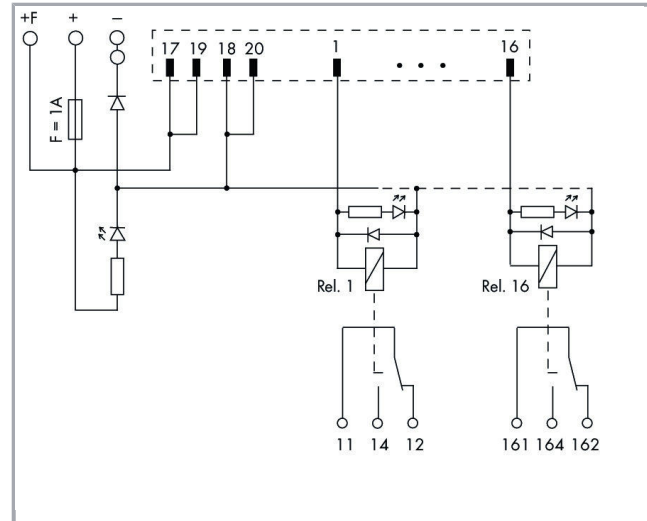


Data sheet | Item number: 704-5024

Interface module for system wiring; Pluggable connector per DIN 41651;
Male connector; 20-pole; 16-channel relay output; 1 changeover contact;
Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



www.wago.com/704-5024

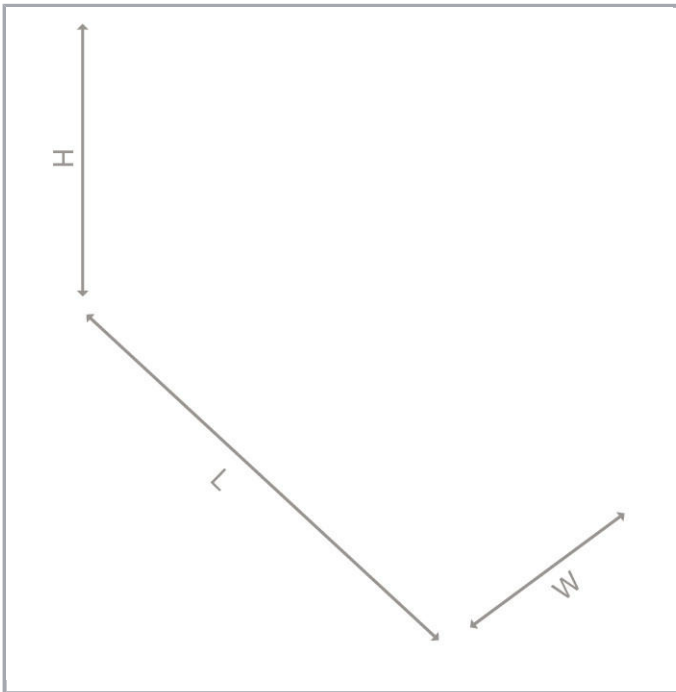


BOMcheck.net

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

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Data

Electrical Data

In-/Outputs	16-channel relay output
Nominal operating voltage	DC 24 V
Operating voltage range	±10 %
Number of changeover/switchover contacts	1
Limiting continuous current	5 A
Max. switching voltage	AC 250 V; DC 48 V
Max. switching power (resistive)	AC 1250 VA; DC 50 W
Mechanical life	10 x 10 ⁶ switching operations
Status indication	LED green (channel) LED yellow (power supply)
Internal fuse	Supply: 1 A; Relay output: -
WAGO elementary relay	857-152

Safety and protection:

Rated voltage	50 V
Rated impulse voltage	0.8 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kVrms

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Dielectric strength, load/load circuit (AC, 1 min)	1 kVrms
--	---------

Connection data

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	48
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
Connection type (3)	Supply
No. of poles 3	4
Design 3	PCB terminal blocks
Connection technology 3	CAGE CLAMP®
WAGO terminal 3	WAGO 236 Series
Solid conductor (3)	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Fine-stranded conductor (3)	0.08 ... 2.5 mm ² / 28 ... 12 AWG
Strip length (3)	5 ... 6 mm / 0.2 ... 0.24 inch
Note (conductor cross-section)	12 AWG: THHN, THWN

Geometrical Data

Width	111 mm / 4.37 inch
Height from upper-edge of DIN-35 rail	65 mm / 2.559 inch
Depth	105 mm / 4.134 inch

Mechanical data

Type of mounting	DIN-35 rail
Housing design	Mounting carrier

Material Data

Contact material (relay)

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

AgSnO₂

Weight	300 g
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Environmental Requirements

Surrounding air (operating) temperature	-25 ... 40 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Relative humidity	≤ 85% (non condensing)

Commercial data

Product Group	30 ()
Packaging type	BOX
Country of origin	FR
GTIN	4045454980139
Customs Tariff No.	85369010000

Counterpart

Compatible products

General accessories

Item no.: 857-152


Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 6 A;
Module width: 5 mm; Module height: 15 mm

www.wago.com/857-152


Marking accessories

Item no.: 2009-110


Marking strips; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110

Item no.: 709-177


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

www.wago.com/709-177

Item no.: 709-178

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

www.wago.com/709-178

Item no.: 709-196

Marking strips; for laser printer; translucent

www.wago.com/709-196

Item no.: 709-198

Marking strips; white

www.wago.com/709-198

wiring and connectors

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	<p>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 mm²; UR components</p>	<p>www.wago.com/706-100/1300-200</p>
	<p>Item no.: 706-100/1300-400 Connection cable; 20-pole; Pluggable connector per DIN 41651; open-ended; 4m; Conductor cross-section: 0.14 mm²; UR components</p>	<p>www.wago.com/706-100/1300-400</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/200-100</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/200-200</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/200-300</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/300-100</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/300-200</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/300-300</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/301-100</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/301-200</p>
	<p>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 mm²</p>	<p>www.wago.com/706-2300/301-300</p>
	<p>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 mm²</p>	<p>www.wago.com/706-7753/301-200</p>

Downloads

Documentation

Additional Information

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

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CAD/CAE-Data

CAE data

EPLAN Data Portal 704-5024

URL

Download

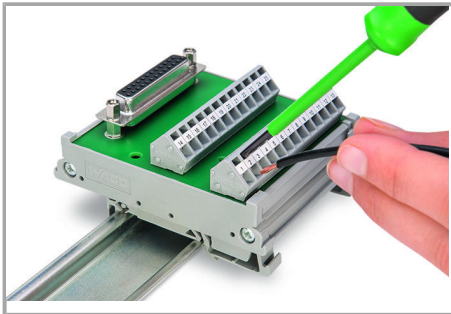
WSCAD Universe 704-5024

URL

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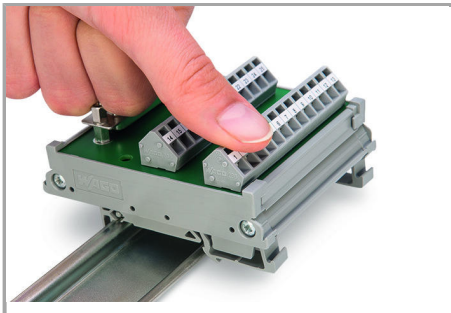
Installation Notes

Inserting a conductor

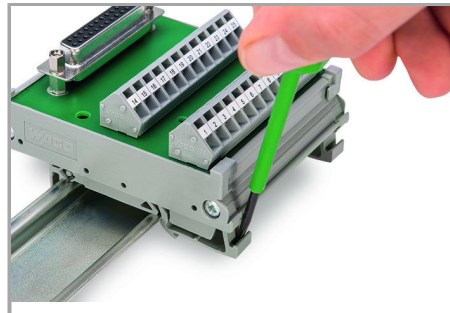


Connection of conductor – Operating tool actuation parallel to conductor entry.

Assembly



Assembly of a module on the carrier rail



Removing a module from the DIN-rail.

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