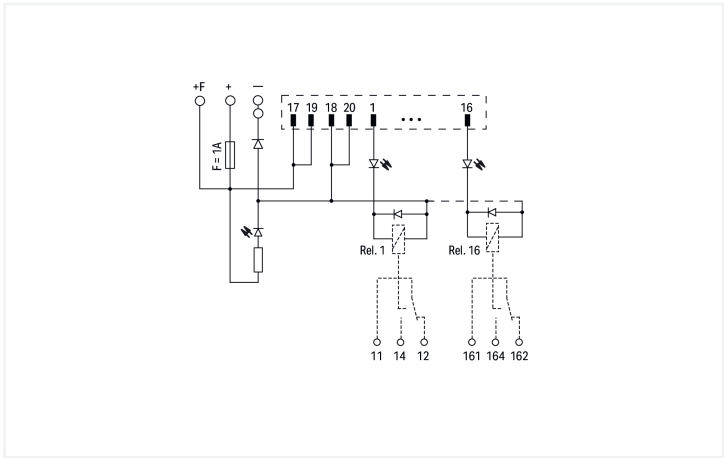
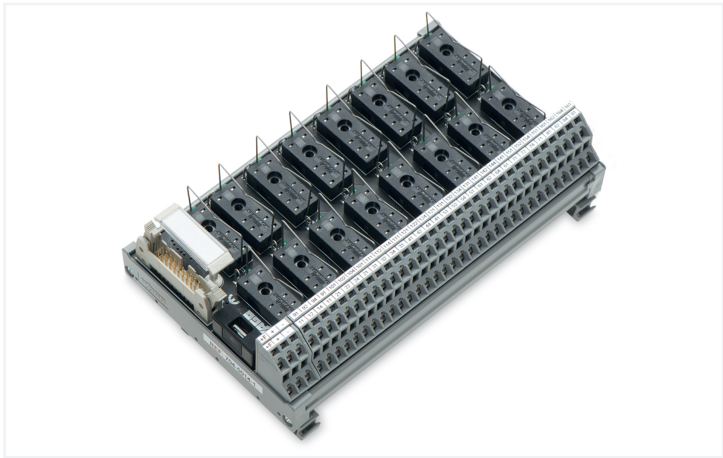


Data Sheet | Item Number: 704-5014

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; without relay; in mounting carrier; 2,50 mm²

<https://www.wago.com/704-5014>



Notes	
Note	Independent of the relay used, the maximum continuous current is 5 A per channel.

Electrical data	
Inputs/outputs	16-channel relay output
Nominal operating voltage	24 VDC
Operating voltage range	±10 %
Number of changeover/switchover contacts	1
Limiting continuous current	5 A
Making capacity	2 ms 16 A
Switching Voltage, Max.	250 VAC; 48 VDC
Switching power (resistive) max.	AC 1250 VA; DC 50 W
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: -
Specialty functions	Without basic relay

Safety and protection	
Rated Voltage	50 V
Rated impulse withstand voltage	0.8 kV
Pollution degree	2
Dielectric strength (control/load circuit) (AC, 1 min)	2.5 kVrms
Dielectric strength (load/load circuit) (AC, 1 min)	1 kVrms



Compatibility

Siemens	
Siemens S7-300	6ES7 313-5BE01-0AB0
	6ES7 313-5BG04-0AB0
	6ES7 313-6BE01-0AB0
	6ES7 313-6BF03-0AB0
	6ES7 313-6CE01-0AB0
	6ES7 313-6CF03-0AB0
	6ES7 314-6BF01-0AB0
	6ES7 314-6BG03-0AB0
	6ES7 314-6CF01-0AB0
	6ES7 314-6CG03-0AB0
	6ES7 322-1BH01-0AA0
	6ES7 322-1BH10-0AA0
	6ES7 322-1BH80-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 322-1BP00-0AA0
	6ES7 322-1EH01-0AA0
	6ES7 322-8BH01/8BH10-0AB0
	6ES7 323-1BL00-0AA0
Siemens S7-400	6ES7 422-1BL00-0AA0
Siemens S7-1500	6ES7 511-1CK00-0AB0
	6ES7 512-1CK00-0AB0
	6ES7 522-1BH00-0AB0
	6ES7 522-1BH01-0AB0
	6ES7 522-1BH10-0AA0
	6ES7 522-1BL00-0AB0
	6ES7 522-1BL01-0AB0
	6ES7 522-1BL10-0AA0
	6ES7 522-1BP00-0AA0
	6ES7 523-1BL00-0AA0
Siemens ET200SP	6ES7 132-6BH00-0AA0
	6ES7 132-6BH00-2AA0
	6ES7 132-6BH01-0BA0
	6ES7 132-6BH01-2BA0

GE Fanuc	
GE Fanuc 9030	IC693 MDL740
	IC693 MDL742
	IC693 MDL753
GE Fanuc RX3i	IC694 MDL753

Schneider	
Schneider Modicon TM3	TM3 DQ16T(G)
	TM3 DQ16TK
	TM3 DQ32TK
Schneider Modicon M340	BMX DDO 1602
	BMX DDO 3202K
	BMX DDO 6402K
	BMX DDM 3202K
Schneider Modicon Quantum	140 DDO 353 00
	140 DDO 353 01
	140 DDO 364 00
	140 DVO 853 00
Schneider TSX	TSX DSY 16T2
	TSX DSY 32T2K
	TSX DSY 64T2K
	TSX DMY 28FK
	TSX DMY 28RFX
Schneider Twido	TM2 DDO 16TK
	TM2 DDO 32TK

Rockwell	
Rockwell Compact Logix	1769 - OB16
	1769 - OB16P
	1769 - OB32
	1769 - OB32T
Rockwell Control Logix	1756 - OB16E
	1756 - OB32

Omron	
Omron CJ1W	CJ1W-MD232
	CJ1W-OD212
	CJ1W-OD232
	CJ1W-OD262

WAGO	
WAGO I/O System 750	750-1500
WAGO I/O System 753	753-530 (x2)



Connection Data			
Connection 1		Connection 2	
Pluggable connector	Pluggable connector per DIN 41651; male connector	Design	PCB terminal blocks (double-deck)
Pole number 1	20	Pole number	64
Connection type	System	Connection type	Field
Note (conductor cross-section)	12 AWG: THHN, THWN	WAGO connector	WAGO 736 Series
Mating direction	vertical	Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
		Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
		Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Connection 3	
Design	PCB terminal blocks (double-deck)
Pole number	6
Connection type	Power supply
WAGO connector	WAGO 736 Series
Solid conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 inches

Physical data	
Width	180 mm / 7.087 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	50 mm / 1.969 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Fire load	1.842 MJ
Weight	270 g

Environmental requirements	
Ambient temperature (operation)	-25 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85 % (non-condensing)

Commercial data	
Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	QU
GTIN	4045454980122
Customs tariff number	85366990990



Product Classification	
UNSPSC	39121421
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 9.0	EC002780
ETIM 10.0	EC002780
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
		
Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Approval	Standard	Certificate Name
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 704-5014	

Documentation			
Bid Text			
704-5014	19.02.2019	xml 4.13 KB	
704-5014	20.11.2015	doc 27.00 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 704-5014	EPLAN Data Portal 704-5014
	WSCAD Universe 704-5014

1 Compatible Products

1.1 Optional Accessories

1.1.1 Basic relay

1.1.1.1 Basic relay



Item No.: 788-154
Basic relay; Nominal input voltage: 24 VDC; 1 changeover contact; Limiting continuous current: 16 A; Module width: 13 mm; Module height: 15 mm

1.1.2 Cables and connectors

1.1.2.1 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 mm²; UR components



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 mm²; UR components

1.1.2.2 System cable



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 mm²



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



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



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 mm²



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



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



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 mm²



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



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



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 mm²

1.1.3 Marking

1.1.3.1 Marking strip



Item No.: 709-196
Marking strips; for laser printer; translucent



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white



Item No.: 709-177
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



Item No.: 709-178
Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white