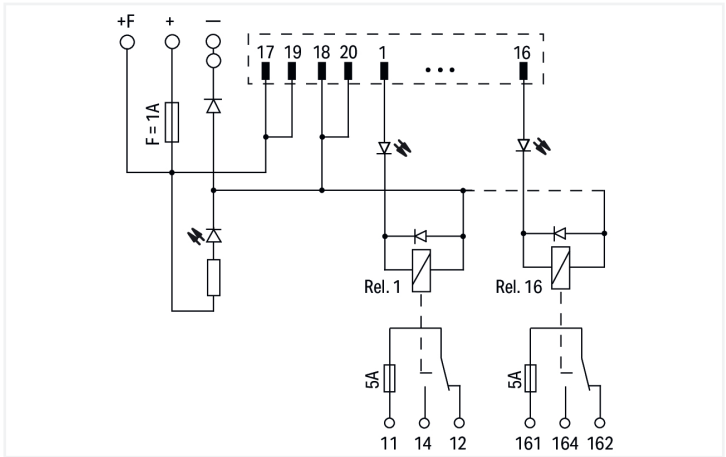
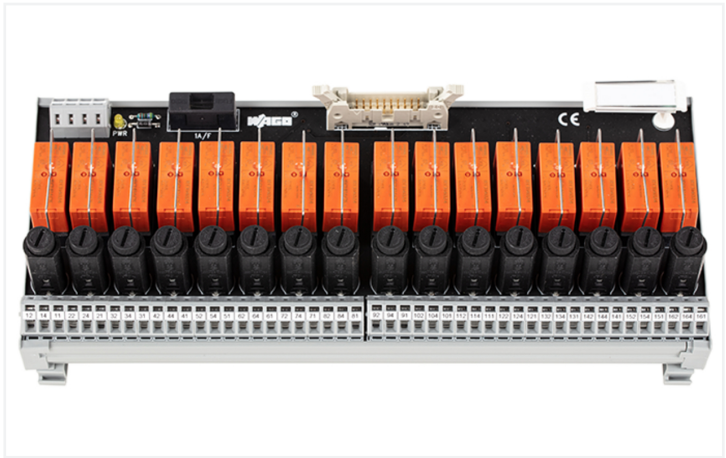
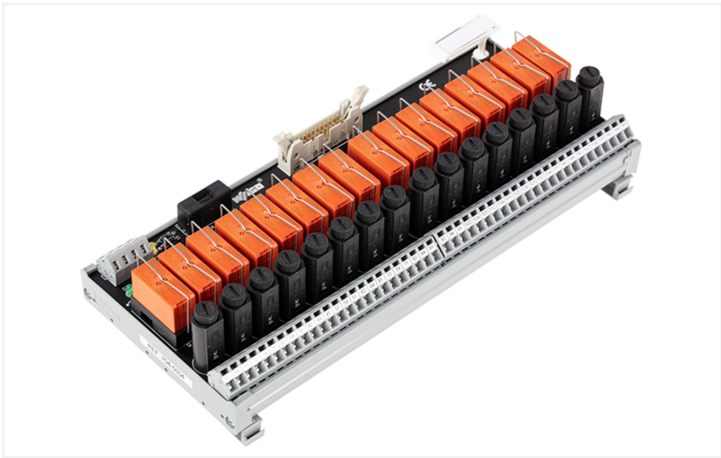


Data Sheet | Item Number: 704-5034

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

<https://www.wago.com/704-5034>



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
Mechanical life	30 x 10 ⁶ switching operations
Status indicator	Green LED (channel) Yellow LED (power supply)
Internal fuse	Supply: 1 A; Relay output: 5 A
WAGO Basic Relay	788-154
Specialty functions	With output fuse



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

Compatibility

Siemens		GE Fanuc	
Siemens S7-300	6ES7 313-5BE01-0AB0	GE Fanuc 9030	IC693 MDL740
	6ES7 313-5BG04-0AB0		IC693 MDL742
	6ES7 313-6BE01-0AB0		IC693 MDL753
	6ES7 313-6BF03-0AB0	GE Fanuc RX3i	IC694 MDL753
	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		

Schneider		Rockwell	
Schneider Modicon TM3	TM3 DQ16T(G)	Rockwell Compact Logix	1769 - OB16
	TM3 DQ16TK		1769 - OB16P
	TM3 DQ32TK		1769 - OB32
Schneider Modicon M340	BMX DDO 1602		1769 - OB32T
	BMX DDO 3202K	Rockwell Control Logix	1756 - OB16E
	BMX DDO 6402K		1756 - OB32
	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 28RFK		
	TSX DSZ 32T2		
	TSX DMZ 28DT		
	TSX DMZ 28DTK		
	TSX DMZ 64DTK		
Schneider Twido	TM2 DDO 16TK		
	TM2 DDO 32TK		



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	
Pluggable connector	Pluggable connector per DIN 41651; male connector
Pole number 1	20
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design	PCB terminal blocks
Pole number	48
Connection type	Field
WAGO connector	WAGO 236 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

Connection 3	
Design	PCB terminal blocks
Pole number	4
Connection type	Power supply
WAGO connector	WAGO 236 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	247 mm / 9.724 inches
Height	105 mm / 4.134 inches
Depth from upper-edge of DIN-rail	55 mm / 2.165 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Contact material (relay)	AgNi 90/10
Fire load	5.316 MJ
Weight	685 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	FR	
GTIN	4045454980153	
Customs tariff number	85364900990	

Product Classification		
UNSPSC	39121529	
eCl@ss 10.0	27-14-11-52	
eCl@ss 9.0	27-14-11-52	
ETIM 9.0	EC002780	
ETIM 8.0	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	TP TC 004/2011	EAC CoC 03084
GZO Almaty Standart		
Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Downloads		
Environmental Product Compliance		
Compliance Search		
Environmental Product Compliance 704-5034		

Documentation			
Bid Text			
704-5034	19.02.2019	xml 4.17 KB	
704-5034	20.11.2015	doc 27.00 KB	



CAD/CAE-Data

CAE data	
EPLAN Data Portal 704-5034	
WSCAD Universe 704-5034	

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