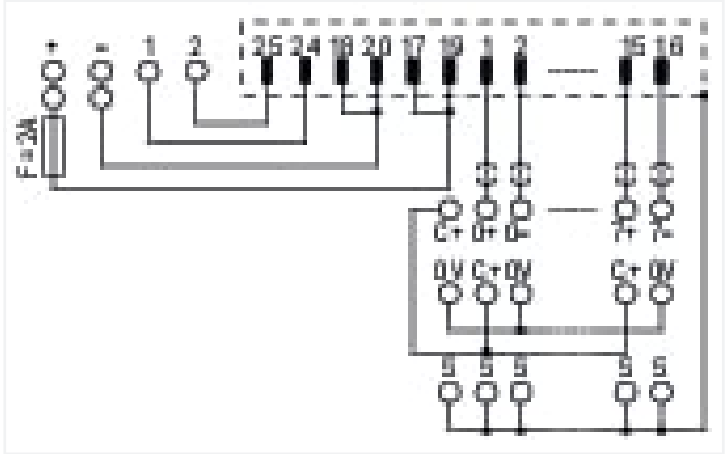
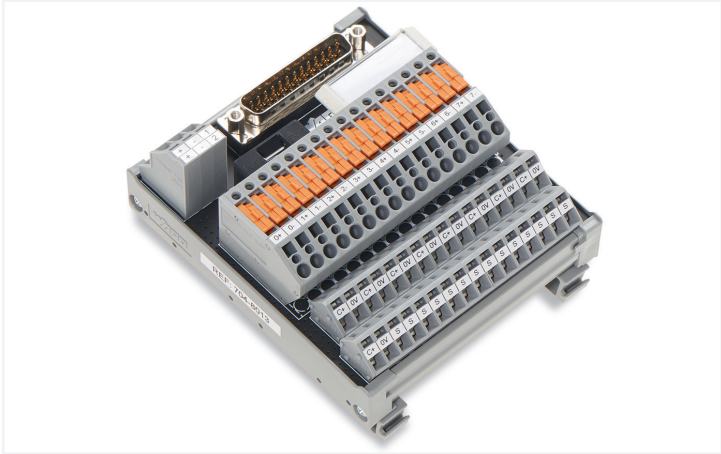


Data Sheet | Item Number: 704-8013

Interface module for system wiring; with solder pin; Male connector; 25-pole; 8-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier

<https://www.wago.com/704-8013>



Electrical data	
Inputs/outputs	8-channel analog input or output
Circuit type	2-wire connection 4-wire connection
Operating voltage	≤48 VDC
Limiting continuous current	1 A
Internal fuse	Supply: 2 A
Specialty functions	With disconnect/test terminal blocks

Safety and protection	
Rated voltage	50 V
Rated surge voltage	0.8 kV
Pollution degree	2

Compatibility			
Siemens		GE Fanuc	
Siemens S7-300	6ES7 331-1KF02-0AB0	GE Fanuc 9030	IC693 ALG222
	6ES7 331-7HF01-0AB0		IC693 ALG223
	6ES7 331-7KF02-0AB0		IC693 ALG392
	6ES7 331-7NF00-0AB0	GE Fanuc RX3i	IC694 ALG223 IC694 ALG392
	6ES7 331-7NF10-0AB0		
	6ES7 331-7PF01-0AB0		
	6ES7 331-7SF00-0AB0		
	6ES7 331-7TF00-0AB0		
	6ES7 332-5HF00-0AB0		
	6ES7 332-8TF01-0AB0		
	6ES7 334-0CE01-0AA0		
	6ES7 336-4GE01-0AB0		
Siemens S7-400	6ES7 431-1KF00-0AB0		
	6ES7 431-1KF10-0AB0		
	6ES7 431-1KF20-0AB0		
	6ES7 431-7KF00-0AB0		
	6ES7 432-1HF00-0AB0		
Siemens S7-1500	6ES7 531-7KF00-0AB0		
	6ES7 531-7MH00-0AB0		
	6ES7 531-7NF00-0AB0		
	6ES7 531-7NF10-0AB0		
	6ES7 531-7PF00-0AB0		
	6ES7 531-7QF00-0AB0		
	6ES7 532-5HF00-0AB0		
	6ES7 534-7QE00-0AB0		



Schneider	
Schneider Modicon TM3	TM3 AI8(G) TM3 AM6(G) TM3 TI8T(G)
Schneider Modicon M340	BMX ART 0414 BMX ART 0814 BMX AMI 0800 BMX AMI 0810 BMX AMM 0600 BMX AMO 0802
Schneider Modicon Quantum	140 ACI 030 00 140 ACI 040 00 140 ACO 130 00 140 ARI 030 10 140 AVI 030 00
Schneider TSX	TSX AEY 414 TSX AEZ 801 TSX AEZ 802

WAGO	
WAGO I/O System 753	753-557 (x2) 753-559 (x2) 753-453 (x2) 753-455 (x2) 753-457 (x2) 753-459 (x2) 753-553 (x2) 753-555 (x2)

Rockwell	
Rockwell Compact Logix	1769 - IF16C 1769 - IF4XOF2 (F) 1769 - IR6 1769 - OF8C 1769 - OF8V
Rockwell Control Logix	1756 - OF6CI 1756 - OF6VI 1756 - OF8 1756 - OF8H 1756 - IF6CIS 1756 - IF6I 1756 - IF8 1756 - IF8H 1756 - IF16 1756 - IR6I

Connection data

Connection 1	
Connector	D-subminiature male connector
Pole number 1	25
Connection type 1	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

Connection 2	
Design 2	PCB terminal blocks
Pole number 2	16
Connection type 2	Field
WAGO connector 2	WAGO 742 Series
Solid conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 2	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 2	8 ... 9 mm / 0.31 ... 0.35 inches

Connection 3	
Design 3	PCB terminal blocks (double-row)
Pole number 3	32
Connection type 3	Field
WAGO connector 3	WAGO 236 Series
Solid conductor 3	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 3	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 3	5 ... 6 mm / 0.2 ... 0.24 inches

Connection 4	
Design 4	PCB terminal blocks (double-deck)
Pole number 4	6
Connection type 4	Power supply
Connection technology 4	CAGE CLAMP®
WAGO connector 4	WAGO 736 Series
Solid conductor 4	0.08 ... 2.5 mm² / 28 ... 12 AWG
Fine-stranded conductor 4	0.08 ... 2.5 mm² / 28 ... 12 AWG
Strip length 4	5 ... 6 mm / 0.2 ... 0.24 inches



Physical data	
Width	92 mm / 3.62 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	2.496 MJ
Weight	190 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +50 °C
Ambient temperature (storage)	-40 ... +70 °C
Relative humidity	≤ 85% (non-condensing)

Commercial data	
Product Group	30 (WAGO France)
eCl@ss 10.0	27-14-11-52
eCl@ss 9.0	27-14-11-52
ETIM 8.0	EC002780
ETIM 7.0	EC002780
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821115564
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-8013

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Documentation

System Description			Bid Text		
WAGO System Wiring, Selection Guide	pdf	533.15 KB	704-8013	19.02.2019	xml 3.55 KB
			704-8013	20.11.2015	doc 25.50 KB

CAD/CAE-Data

CAE data	
EPLAN Data Portal 704-8013	↓
WSCAD Universe 704-8013	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 System cable



Item No.: 706-2300/406-100 System cable; for Siemens S7-300; 8 Analog Current Inputs, Spec. Wiring; Length: 1 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/404-200 System cable; for Siemens S7-300; 8 analog inputs (current), var. 1; Length: 2 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/400-300 System cable; for Siemens S7-300; 8 analog inputs; Length: 3 m; Conductor cross-section: 0.25 mm²

Item No.: 706-2300/406-200 System cable; for Siemens S7-300; 8 Analog Current Inputs, Spec. Wiring; Length: 2 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/404-300 System cable; for Siemens S7-300; 8 analog inputs (current), var. 1; Length: 3 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/502-100 System cable; for Siemens S7-300; 8 analog outputs (current); Length: 1 m; Conductor cross-section: 0.25 mm²

Item No.: 706-2300/406-300 System cable; for Siemens S7-300; 8 Analog Current Inputs, Spec. Wiring; Length: 3 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/400-100 System cable; for Siemens S7-300; 8 analog inputs; Length: 1 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/502-200 System cable; for Siemens S7-300; 8 analog outputs (current); Length: 2 m; Conductor cross-section: 0.25 mm²

Item No.: 706-2300/404-100 System cable; for Siemens S7-300; 8 analog inputs (current), var. 1; Length: 1 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/400-200 System cable; for Siemens S7-300; 8 analog inputs; Length: 2 m; Conductor cross-section: 0.25 mm²
Item No.: 706-2300/502-300 System cable; for Siemens S7-300; 8 analog outputs (current); Length: 3 m; Conductor cross-section: 0.25 mm²

1.1.2 Marking

1.1.2.1 Marking strip



Item No.: 709-196 Marking strips; for laser printer; translucent
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Item No.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white
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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

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

Current addresses can be found at: www.wago.com