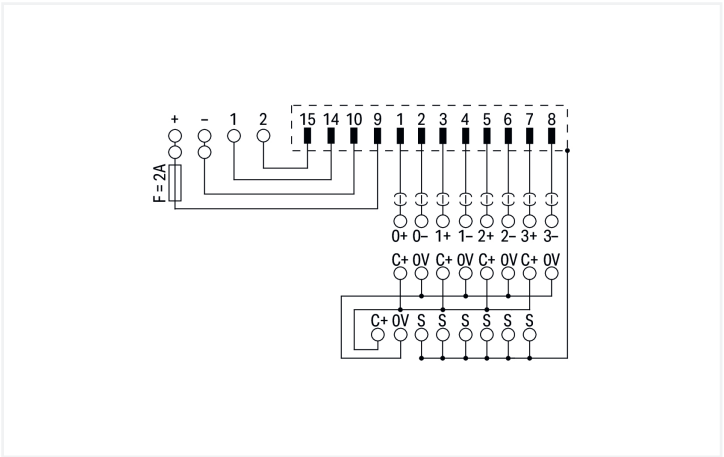
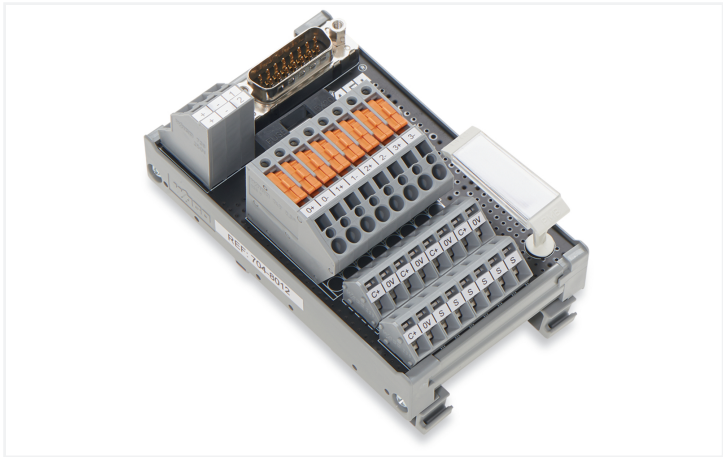


Data Sheet | Item Number: 704-8012

Interface module for system wiring; with solder pin; Male connector; 15-pole; 4-channel analog input or output; 4-wire; PCB terminal blocks; in mounting carrier

<https://www.wago.com/704-8012>



Electrical data	
Inputs/outputs	4-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 impulse withstand voltage	0.8 kV
Pollution degree	2

Compatibility			
Siemens		GE Fanuc	
Siemens S7-300	6ES7 331-7KB02-0AB0	GE Fanuc 9030	IC693 ALG220
	6ES7 331-7KB81-0AB0		IC693 ALG221
	6ES7 331-7RD00-0AB0		
	6ES7 332-5HB01-0AB0		
	6ES7 332-5HB81-0AB0		
	6ES7 332-5HD01-0AB0		
	6ES7 332-7ND02-0AB0		
Siemens S7-1500	6ES7 531-7QD00-0AB0		
	6ES7 532-5HD00-0AB0		
	6ES7 532-5ND00-0AB0		



Schneider	
Schneider Modicon TM3	TM3 AI2H(G) TM3 AI4(G) TM3 AQ2(G) TM3 AQ4(G) TM3 TI4(G) TM3 TM3(G)
Schneider Modicon M340	BMX AMI 0410 BMX AMO 0210 BMX AMO 0410
Schneider Modicon Quantum	140 ACO 020 00
Schneider TSX	TSX AEY 414 TSX ASY 410 TSX ASZ 200 TSX ASZ 401

WAGO	
WAGO I/O System 753	753-453 (x1) 753-455 (x1) 753-457 (x1) 753-459 (x1) 753-553 (x1) 753-555 (x1) 753-557 (x1) 753-559 (x1)

Rockwell	
Rockwell Compact Logix	1769 - IF4 1769 - IF4I 1769 - IF8 1769 - OF2 1769 - OF4 1769 - OF4CI 1769 - OF4VI
Rockwell Control Logix	1756 - OF4

Connection Data

Connection 1	
Pluggable connector	D-subminiature male connector
Pole number 1	15
Connection type	System
Note (conductor cross-section)	12 AWG: THHN, THWN
Mating direction	vertical

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

Connection 3	
Design	PCB terminal blocks (double-row)
Pole number	16
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 4	
Design	PCB terminal blocks (double-deck)
Pole number	6
Connection type	Power supply
Connection technology	CAGE CLAMP®
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	66 mm / 2.598 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	1.562 MJ
Weight	131 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)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821115441
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

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 704-8012	



Documentation			
Bid Text			
704-8012	19.02.2019	xml 3.55 KB	
704-8012	20.11.2015	doc 25.50 KB	

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 704-8012	EPLAN Data Portal 704-8012
	WSCAD Universe 704-8012

1 Compatible Products
1.1 Optional Accessories
1.1.1 Cables and connectors
1.1.1.1 System cable



Item No.: 706-2300/500-100
System cable; for Siemens S7-300; 4 analog outputs (current); Length: 1 m; Conductor cross-section: 0.25 mm²



Item No.: 706-2300/500-200
System cable; for Siemens S7-300; 4 analog outputs (current); Length: 2 m; Conductor cross-section: 0.25 mm²



Item No.: 706-2300/500-300
System cable; for Siemens S7-300; 4 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	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