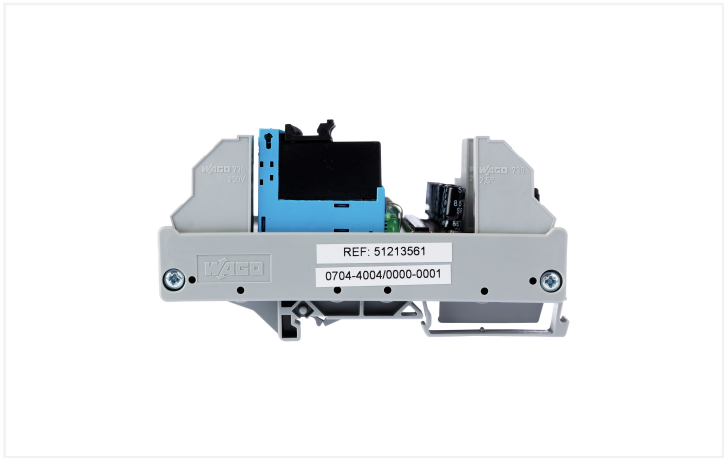


Data Sheet | Item Number: 704-4004

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input; 2-wire connection; Double-deck PCB terminal blocks; in mounting carrier

<https://www.wago.com/704-4004>



Electrical data	
Inputs/outputs	16-channel digital input
Circuit type	2-wire connection
Nominal input voltage U_N	24 VAC/VDC
Nominal input current at U_N	14 mA
Peak output current	0.1 A
Switching Voltage, Max.	30 VDC
Internal fuse	2 A
Specialty functions	with optocoupler



Safety and protection	
Pollution degree	2

Compatibility

Siemens		GE Fanuc	
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 321-1BH02-0AA0 6ES7 321-1BH10-0AA0 6ES7 321-1BH80-0AA0 6ES7 321-1BL00-0AA0 6ES7 321-1BL80-0AA0 6ES7 321-1BP00-0AA0 6ES7 323-1BL00-0AA0	GE Fanuc 9030	IC693 MDL241 IC693 MDL640 IC693 MDL643 IC693 MDL645 IC693 MDL646 IC693 MDL655
Siemens S7-400	6ES7 421-1BL01-0AA0		
Siemens S7-1500	6ES7 511-1CK00-0AB0 6ES7 512-1CK00-0AB0 6ES7 521-1BH00-0AA0 6ES7 521-1BH10-0AA0 6ES7 521-1BL00-0AB0 6ES7 521-1BL10-0AA0 6ES7 521-1BP00-0AA0 6ES7 523-1BL00-0AA0		
Siemens ET200SP	6ES7 131-6BH01-0BA0 6ES7 131-6BH01-2BA0		
Schneider		Rockwell	
Schneider Modicon TM3	TM3 DI16(G) TM3 DI16K TM3 DI32K	Rockwell Compact Logix	1769 - IQ16 1769 - IQ16F 1769 - IQ32 1769 - IQ32T
Schneider Modicon M340	BMX DDI 1602 BMX DDI 3202K BMX DDI 6402K BMX DDM 3202K	Rockwell Control Logix	1756 - IB32
Schneider Modicon Quantum	140 DDI 353 00 140 DDI 364 00 140 DDM 390 00 140 DSI 353 00		
Schneider TSX	TSX DEY 16FK TSX DEY 32D2K TSX DEY 64D2K TSX DEZ 32D2 TSX DMZ 28DT TSX DMZ 28DTK TSX DMZ 64DTK		
Schneider Twido	TM2 DDI 16DK TM2 DDI 32DK		
Omron		WAGO	
Omron CJ1W	CJ1W-ID231 CJ1W-ID232 CJ1W-ID261 CJ1W-ID262	WAGO I/O System 750	750-1400
		WAGO I/O System 753	753-430 (x2) 753-431 (x2)



Connection Data

Connection 1	
Pluggable connector	Pluggable connector per DIN 41651; male connector
Pole number 1	20
Connection type	System
Mating direction	vertical

Connection 2	
Connector	WAGO 736 Series
Design	PCB terminal blocks (double-deck)
Pole number	32
Connection type	Field
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	
Connector	WAGO 736 Series
Design	PCB terminal blocks (double-deck)
Pole number	4
Connection type	Field
Connection technology	CAGE CLAMP®
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	
Connector	WAGO 736 Series
Design	PCB terminal blocks (double-deck)
Pole number	6
Connection type	Power supply
Connection technology	CAGE CLAMP®
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	134 mm / 5.28 inches
Height	105 mm / 4.13 inches
Depth from upper-edge of DIN-rail	50 mm / 1.97 inches

Mechanical data	
Mounting type	DIN-35 rail

Material data	
Fire load	1.394 MJ
Weight	280 g

Environmental requirements	
Ambient temperature (operation)	-20 ... +40 °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	4050821216414
Customs tariff number	85366990990



Product Classification		
UNSPSC		39121421
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



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03084

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-4004

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Documentation

System Description

WAGO System Wiring, Selection Guide

pdf533.15 KB

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