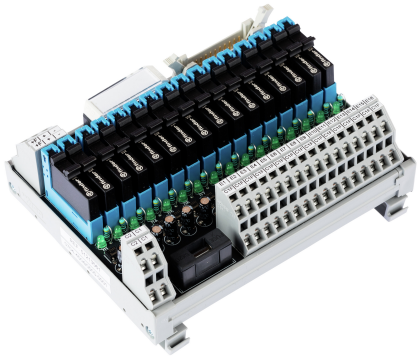
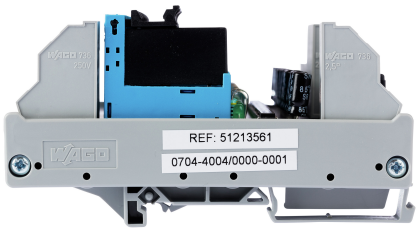
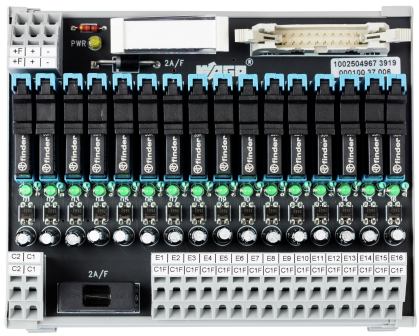
Data Sheet | Item Number: 704-4004

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	AC/DC 24 V
Nominal input current at U_N	14 mA
Peak output current	0.1 A
Switching voltage (max.)	DC 30 V
Internal fuse	2 A

Safety and protection

Pollution degree	2

Compatibility

GE Fanuc

GE Fanuc 9030	IC693 MDL241 IC693 MDL640 IC693 MDL643 IC693 MDL645 IC693 MDL646 IC693 MDL655

Schneider	
Schneider Modicon TM3	TM3 DI16(G) TM3 DI16K TM3 DI32K
Schneider Modicon M340	BMX DDI 1602 BMX DDI 3202K BMX DDI 6402K BMX DDM 3202K
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

Rockwell	
Rockwell Compact Logix	1769 - IQ16 1769 - IQ16F 1769 - IQ32 1769 - IQ32T
Rockwell Control Logix	1756 - IB32

Omron	
Omron CJ1W	CJ1W-ID231 CJ1W-ID232 CJ1W-ID261 CJ1W-ID262

WAGO	
WAGO I/O System 750	750-1400
WAGO I/O System 753	753-430 (x2) 753-431 (x2)

Connection data

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

Connection 2	
Connector 2	WAGO 736 Series
Design 2	PCB terminal blocks (double-deck)
Pole number 2	32
Connection type 2	Field
Connection technology 2	CAGE CLAMP®
Solid conductor 2	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor 2	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor; with insulated ferrule 2	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule 2	0.25 … 2.5 mm²
Strip length 2	5 … 6 mm / 0.2 … 0.24 inches

Connection 3	
Connector 3	WAGO 736 Series
Design 3	PCB terminal blocks (double-deck)
Pole number 3	4
Connection type 3	Field
Connection technology 3	CAGE CLAMP®
Solid conductor 3	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor 3	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor; with insulated ferrule 3	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule 3	0.25 … 2.5 mm²
Strip length 3	5 … 6 mm / 0.2 … 0.24 inches

Connection 4	
Connector 4	WAGO 736 Series
Design 4	PCB terminal blocks (double-deck)
Pole number 4	6
Connection type 4	Power supply
Connection technology 4	CAGE CLAMP®
Solid conductor 4	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor 4	0.08 … 2.5 mm² / 28 … 12 AWG
Fine-stranded conductor; with insulated ferrule 4	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule 4	0.25 … 2.5 mm²
Strip length 4	5 … 6 mm / 0.2 … 0.24 inches

Continued on next page

Physical data

Width	105 mm / 4.13 inches
Height	50 mm / 1.97 inches
Depth from upper-edge of DIN-rail	134 mm / 5.28 inches

Mechanical data

Mounting type	DIN-35 rail

Material data

Fire load	1.517 MJ
Weight	280 g

Environmental requirements

Ambient temperature (operation)	-20 … +40 °C
Ambient temperature (storage)	-40 … +70 °C
Relative humidity	≤ 85% (non-condensing)
Operating altitude (max.)	2000 m

Commercial data

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4050821216414
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs-stelle	TP TC 004/2011	EAC RU C-DE.AM02.B.00122/19

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 704-4004

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	