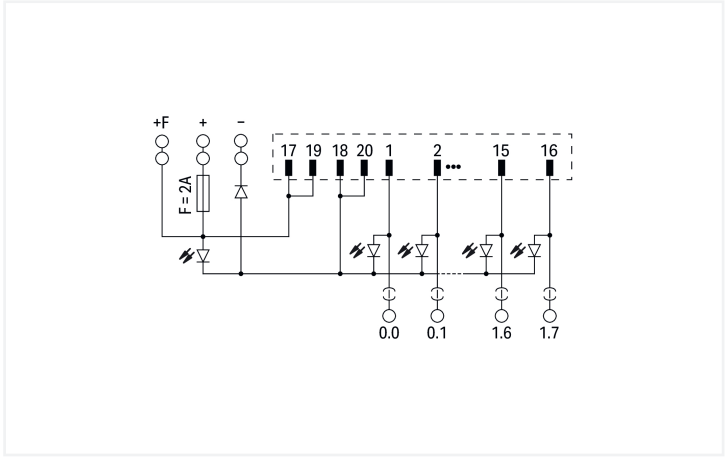
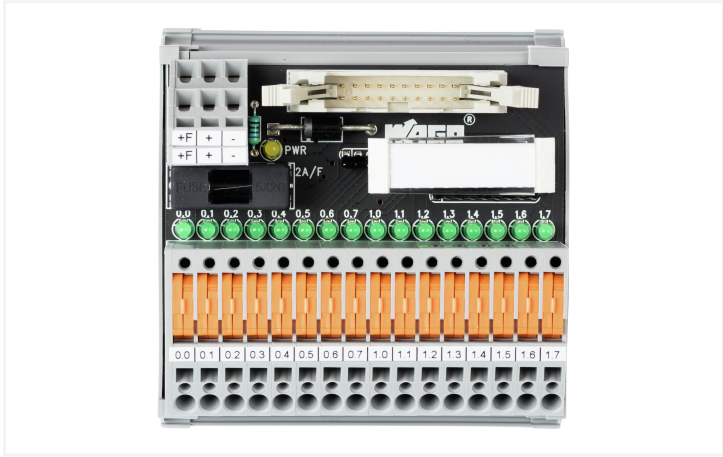
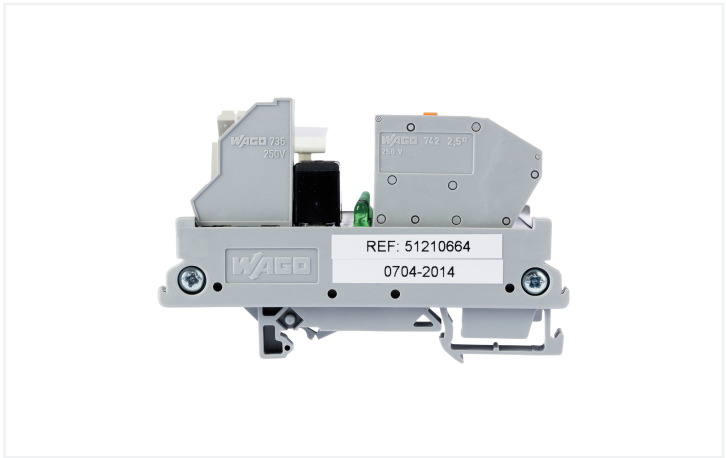


Data Sheet | Item Number: 704-2014

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 1-wire connection; with disconnect terminal block; in mounting carrier

<https://www.wago.com/704-2014>



Electrical data	
Inputs/outputs	16-channel digital input or output
Circuit type	1-wire connection
Nominal operating voltage	24 VDC
Operating voltage range	±10 %
Current consumption (status indication)	5 mA
Total current	2 A
Limiting continuous current	1 A
Status indicator	Green LED (channel) Yellow LED (power supply)
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	
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 321-7BH01-0AB0
	6ES7 321-7BH80-0AA0
	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
	6ES7 326-1BK01-0AB0
	6ES7 326-1RF00-0AB0
Siemens S7-400	6ES7 421-1BL01-0AA0
	6ES7 421-7BH01-0AB0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
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 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
	6ES7 526-1BH00-0AB0
Siemens ET200SP	6ES7 131-6BH01-0BA0
	6ES7 131-6BH01-2BA0
	6ES7 132-6BH00-0AA0
	6ES7 132-6BH00-2AA0
	6ES7 132-6BH01-0BA0
	6ES7 132-6BH01-2BA0

GE Fanuc	
GE Fanuc 9030	IC693 MDL241
	IC693 MDL640
	IC693 MDL643
	IC693 MDL645
	IC693 MDL646
	IC693 MDL655
	IC693 MDL740
	IC693 MDL742
IC693 MDL753	
GE Fanuc RX3i	IC694 MDL655
	IC694 MDL753

Schneider	
Schneider Modicon TM3	TM3 DI16(G)
	TM3 DI16K
	TM3 DI32K
	TM3 DQ16T(G)
	TM3 DQ16TK
	TM3 DQ32TK

Schneider	
Schneider Modicon M340	BMX DDI 1602
	BMX DDI 3202K
	BMX DDI 6402K
	BMX DDO 1602
	BMX DDO 3202K
	BMX DDO 6402K
	BMX DDM 3202K



Schneider	
Schneider Modicon Quantum	140 DDI 353 00
	140 DDI 364 00
	140 DDO 353 00
	140 DDO 353 01
	140 DDO 364 00
	140 DDM 390 00
	140 DSI 353 00
	140 DVO 853 00
Schneider TSX	TSX DEY 16D2
	TSX DEY 16FK
	TSX DEY 32D2K
	TSX DEY 64D2K
	TSX DMY 28FK
	TSX DMY 28RFX
	TSX DSY 16T2
	TSX DSY 32T2K
	TSX DSY 64T2K
	TSX DMZ 28DT
	TSX DMZ 28DTK
	TSX DMZ 64DTK
	TSX DSZ 32T2
	TSX DEZ 12D2K
	TSX DEZ 32D2
Schneider Twido	TM2 DDI 16DK
	TM2 DDI 32DK
	TM2 DDO 16TK
	TM2 DDO 32TK

Rockwell	
Rockwell Compact Logix	1769 - IQ16
	1769 - IQ16F
	1769 - IQ32
	1769 - IQ32T
	1769 - OB16
	1769 - OB16P
	1769 - OB32
	1769 - OB32T
Rockwell Control Logix	1756 - IB16I
	1756 - IB16ISOE
	1756 - IB32
	1756 - OB16E
	1756 - OB16I
	1756 - OB16IS
	1756 - OB32

Omron	
Omron CJ1W	CJ1W-ID211
	CJ1W-ID231
	CJ1W-ID232
	CJ1W-ID261
	CJ1W-ID262
	CJ1W-IDP01
	CJ1W-INT01
	CJ1W-MD232
	CJ1W-OD212
	CJ1W-OD232
	CJ1W-OD262

WAGO	
WAGO I/O System 750	750-1400
	750-1500
	750-1502
WAGO I/O System 753	753-430 (x2)
	753-431 (x2)
	753-530 (x2)

Connection Data			
Connection 1		Connection 2	
Pluggable connector	Pluggable connector per DIN 41651; male connector	Design	PCB terminal blocks
Pole number 1	20	Pole number	16
Connection type	System	Connection type	Field
Note (conductor cross-section)	12 AWG: THHN, THWN	WAGO connector	WAGO 742 Series
Mating direction	vertical	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-deck)
Pole number	6
Connection type	Power supply
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		85 mm / 3.346 inches
Height		85 mm / 3.346 inches
Depth from upper-edge of DIN-rail		50 mm / 1.969 inches

Mechanical data		
Mounting type		DIN-35 rail

Material data		
Fire load		2.344 MJ
Weight		150 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		4050821170006
Customs tariff number		85369010000

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 704-2014

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Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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