



Similar to illustration

Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	2	0
Brown	2	OUT0.1	3	1
Green	3	OUT0.2	4	2
Yellow	4	OUT0.3	5	3
Grey	5	OUT0.4	6	4
Pink	6	OUT0.5	7	5
Blue	7	OUT0.6	8	6
Red	8	OUT0.7	9	7
Black	9	OUT1.0	10	8
Violet	10	OUT1.1	11	9
Grey-Pink	11	OUT1.2	12	10
Red-Blue	12	OUT1.3	13	11
White-Green	13	OUT1.4	14	12
Brown-Green	14	OUT1.5	15	13
White-Yellow	15	OUT1.6	16	14
Yellow-Brown	16	OUT1.7	17	15
White-Grey	17	+24V	1	VDC
Grey-Brown	18	0V	18	Com
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	16 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Rockwell	
Rockwell Compact Logix	1769 - OB16 1769 - OB16P

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	Pluggable connector per DIN 41651; fe- male connector
Pole number 1	20
Connection type 1	System
Wire cross-section	0.14 mm²

Connection 2	
Connector 2	Rockwell-RTBN18
Pole number 2	18
Connection type 2	System



Physical data	
Cable length	1 m

Material Data	
Fire load	0 MJ
Weight	150 g

Environmental requirements	
Ambient temperature (operation at U _N)	-20 ... +50 °C

Commercial data	
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454883188

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-4769/203-100	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 