



Similar to illustration

Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	IN0
Brown	2	0.1	2	IN1
Green	3	0.2	3	IN2
Yellow	4	0.3	4	IN3
Grey	5	0.4	5	IN4
Pink	6	0.5	6	IN5
Blue	7	0.6	7	IN6
Red	8	0.7	8	IN7
Black	9	1.0	11	IN8
Violet	10	1.1	10	IN9
Grey-Pink	11	1.2	13	IN10
Red-Blue	12	1.3	12	IN11
White-Green	13	1.4	15	IN12
Brown-Green	14	1.5	14	IN13
White-Yellow	15	1.6	17	IN14
Yellow-Brown	16	1.7	16	IN15
White-Grey	17	nc	nc	nc
Grey-Brown	18	0V	9-18	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 inputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Rockwell	
Rockwell Compact Logix	1769 - IQ16 1769 - IQ16F

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	3 m

Material Data	
Fire load	0 MJ
Weight	1.1 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	4055143039277
Customs tariff number	85444290900

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 706-4769/100-300	

Documentation	
System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 