



Similar to illustration

Color coding acc. to DIN VDE 47100 Cable 1: Channel 0-7	Connector WAGO 231 (LH)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	0
Brown	2	0.1	2	1
Green	3	0.2	3	2
Yellow	4	0.3	4	3
Grey	5	0.4	5	4
Pink	6	0.5	6	5
Blue	7	0.6	7	6
Red	8	0.7	8	7
Black	9	nc	nc	nc
Violet	10	N	18	Com

Color coding acc. to DIN VDE 47100 Cable 2: Channel 8-15	Connector WAGO 231 (RH)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	1.0	9	8
Brown	12	1.1	10	9
Green	13	1.2	11	10
Yellow	14	1.3	12	11
Grey	15	1.4	13	12
Pink	16	1.5	14	13
Blue	17	1.6	15	14
Red	18	1.7	16	15
Black	19	nc	nc	nc
Violet	20	nc	nc	nc

Notes	
Note	If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

Electrical data	
Inputs/outputs	16 digital inputs or outputs; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility	
Rockwell	
Rockwell Compact Logix	1769 - IA16 1769 - IM12 1769 - OW8I

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	WAGO 231 Series
Pole number 1	10
Connection type 1	System
Wire cross-section	0.34 mm²
Connection 2	
Connector 2	WAGO 231 Series
Pole number 2	10
Connection type 2	System
Connection 3	
Connector 3	Rockwell-RTBN18
Pole number 3	18
Connection type 3	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	4055143048422

Downloads

Environmental Product Compliance

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

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 