

Data Sheet | Item Number: 706-4069/300-100

System cable; Rockwell 5069; 16 digital inputs or outputs for higher voltages; WAGO 231; Length: 1 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-4069/300-100>



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

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15		Connector WAGO 231 (JB)		PLC connector	
	Pin number	Wiring	Pin number	Signal	
White	11	8	8	IN/OUT 0.8	
Brown	12	9	9	IN/OUT 0.9	
Green	13	10	10	IN/OUT 1.0	
Yellow	14	11	11	IN/OUT 1.1	
Grey	15	12	12	IN/OUT 1.2	
Pink	16	13	13	IN/OUT 1.3	
Blue	17	14	14	IN/OUT 1.4	
Red	18	15	15	IN/OUT 1.5	
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

≤ 250 VAC/VDC

Compatibility

Rockwell

Rockwell Compact Logix

5069 - IA16
5069 - IA16F
5069 - IA16K
5069 - OA16

Connection Data

Cable type

LiYY

Color code

per DIN VDE 47100

Connection 1

Pluggable connector

WAGO 231 Series

Pole number 1

10

Connection type

System

Wire cross-section

0.34 mm²

Connection 2

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm ²

Connection 3

Connector	Rockwell
Pole number	18
Connection type	System

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	292 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4066966226287
Customs tariff number	85444290900

Product Classification

UNSPSC	26121629
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION


Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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