

Data Sheet | Item Number: 706-4069/301-300

System cable; Rockwell 5069; 16 digital inputs or outputs; Pluggable connector per DIN 41651; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-4069/301-300>



Color coding acc. to DIN VDE 47100	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN/OUT 0.0	0	I/O 00
Brown	2	IN/OUT 0.1	1	I/O 01
Green	3	IN/OUT 0.2	2	I/O 02
Yellow	4	IN/OUT 0.3	3	I/O 03
Grey	5	IN/OUT 0.4	4	I/O 04
Pink	6	IN/OUT 0.5	5	I/O 05
Blue	7	IN/OUT 0.6	6	I/O 06
Red	8	IN/OUT 0.7	7	I/O 07
Black	9	IN/OUT 1.0	8	I/O 08
Violet	10	IN/OUT 1.1	9	I/O 09
Grey-Pink	11	IN/OUT 1.2	10	I/O 10
Red-Blue	12	IN/OUT 1.3	11	I/O 11
White-Green	13	IN/OUT 1.4	12	I/O 12
Brown-Green	14	IN/OUT 1.5	13	I/O 13
White-Yellow	15	IN/OUT 1.6	14	I/O 14
Yellow-Brown	16	IN/OUT 1.7	15	I/O 15
White-Grey	17	+24 V	16	LA+
Grey-Brown	18	0 V	17	LA-
White-Pink	19	nv	nc	nc
Pink-Brown	20	nv	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 or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Rockwell

Rockwell Compact Logix	5069 - IB16 5069 - IB16F 5069 - OB16 5069 - OB16F
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Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Wire cross-section	0.14 mm ²

Connection 2

Connector	Rockwell
Pole number	18
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	291 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	4066966356588
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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