

# Data Sheet | Item Number: 706-4069/301-100

System cable; Rockwell 5069; 16 digital inputs or outputs; Pluggable connector per DIN 41651; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-4069/301-100>



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 <sup>2</sup>

### Connection 2

Connector	Rockwell
Pole number	18
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Physical data

Cable length	1 m
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### Material data

Fire load	0 MJ
Weight	149 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	4066966226348
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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