

Data Sheet | Item Number: 706-4756/102-300

System cable; for Rockwell Control Logix; 2 x 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-4756/102-300>



Similar to illustration

Data rating		20-pin for connector		16-pin for connector	
Line number	Color	Wire number	Wire color	Signal	Signal
1	White	1	0.02	2	IN1
2	Brown	2	0.1	2	IN1
3	Green	3	0.02	3	IN2
4	Yellow	4	0.02	4	IN2
5	Grey	5	0.04	5	IN4
6	Pink	6	0.02	6	IN4
7	Blue	7	0.02	7	IN8
8	Red	8	0.02	8	IN8
9	Black	9	0.02	9	IN8
10	White	10	0.02	10	IN8
11	Black	11	0.02	11	IN8
12	Red	12	0.02	12	IN12
13	Black	13	0.02	13	IN12
14	Black	14	0.02	14	IN12
15	Black	15	0.02	15	IN12
16	Black	16	0.02	16	IN12
17	Black	17	0.02	17	IN12
18	Black	18	0.02	18	IN12
19	Black	19	0.02	19	IN12
20	Black	20	0.02	20	IN12

Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data

Inputs/outputs	2 x 16 digital inputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility

Rockwell	
Rockwell Control Logix	1756 - IB32

Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

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

Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

Connection 3

Connector 3	Allen Bradley 1756-TBS6H/A
Pole number 3	36
Connection type 3	System

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	579 g

Environmental requirements

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

Product Group	30 (WAGO France)
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Country of origin	FR
GTIN	4045454920937
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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706-4756/102-300

**Documentation****System Description**

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

