

Data Sheet | Item Number: 706-4756/102-200

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

<https://www.wago.com/706-4756/102-200>



Similar to illustration

Data rating		20-pin for connector		16-pin for connector	
Line number	Color	Pin number	Wire	Pin number	Signal
White	1	001	2	1	IN1
Brown	2	011	2	2	IN1
Green	3	021	3	3	IN2
Yellow	4	031	4	4	IN2
Grey	5	041	5	5	IN3
Blue	6	051	6	6	IN3
Pink	7	061	7	7	IN4
Red	8	071	8	8	IN4
Black	9	081	9	9	IN5
White	10	091	10	10	IN5
Green	11	101	11	11	IN6
Yellow	12	111	12	12	IN6
Grey	13	121	13	13	IN7
Blue	14	131	14	14	IN7
Pink	15	141	15	15	IN8
Red	16	151	16	16	IN8
Black	17	161	17	17	IN9
White	18	171	18	18	IN9
Green	19	181	19	19	IN10
Yellow	20	191	20	20	IN10

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	2 m
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Material data

Fire load	0 MJ
Weight	435 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	4045454920920
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

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Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

