

Data Sheet | Item Number: 706-4756/503-300

System cable; for Rockwell Control Logix; 8 analog outputs (current); Length: 3 m;

Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-4756/503-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0+	3	IOUT0
Brown	2	0-	5	RTN0
Green	3	1+	9	IOUT1
Yellow	4	1-	5	RTN0
Grey	5	2+	13	IOUT2
Pink	6	2-	15	RTN1
Blue	7	3+	19	IOUT3
Red	8	3-	15	RTN1
Black	9	4+	4	IOUT4
Violet	10	4-	6	RTN2
Grey-Pink	11	5+	10	IOUT5
Red-Blue	12	5-	6	RTN2
White-Green	13	6+	14	IOUT6
Brown-Green	14	6-	16	RTN3
White-Yellow	15	7+	20	IOUT7
Yellow-Brown	16	7-	16	RTN3
White-Grey	17	nc	nc	nc
Grey-Brown	18	nc	nc	nc
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc
White-Blue	21	nc	nc	nc
Brown-Blue	22	nc	nc	nc
White-Red	23	nc	nc	nc
Brown-Red	24	nc	nc	nc
White-Black	25	nc	nc	nc
Shield				Connected to Sub-D

Similar to illustration

Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

Electrical data

Inputs/outputs	8 analog outputs; current
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

Compatibility

Rockwell

Rockwell Control Logix	1756 - OF8 1756 - OF8H
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Connection Data

Cable type	LiYCY
Color code	per DIN VDE 47100

Connection 1

Pluggable connector	D-subminiature female connector
Pole number 1	25
Connection type	System
Wire cross-section	0.25 mm ²

Connection 2

Connector	Allen Bradley 1756-TBSH
Pole number	20
Connection type	System
Wire cross-section	0.25 mm ²

Physical data

Cable length	3 m
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Material data

Fire load	0 MJ
Weight	427 g

Environmental requirements

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

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4050821356325
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

Environmental Product Compliance

Compliance Search

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706-4756/503-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

