

# Data Sheet | Item Number: 706-4756/302-100

System cable; for Rockwell Control Logix; 2 x 16 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-4756/302-100>



Color coding	AWG/Strap	AWG/Strap	AWG/Strap	AWG/Strap	AWG/Strap
Pin	Pin	Pin	Pin	Pin	Pin
White	11	12	13	14	15
Blue	2	3	4	5	6
Green	7	8	9	10	11
Yellow	12	13	14	15	16
Orange	1	2	3	4	5
Red	6	7	8	9	10
Pink	11	12	13	14	15
Black	16	17	18	19	20
Grey	21	22	23	24	25
Light Blue	26	27	28	29	30
Light Green	31	32	33	34	35
Light Yellow	36	37	38	39	40
Light Orange	41	42	43	44	45
Light Red	46	47	48	49	50
Light Pink	51	52	53	54	55
Light Black	56	57	58	59	60
Light Grey	61	62	63	64	65

**Notes**

Note: If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

Electrical data	
Inputs/outputs	2 x 16 digital inputs or outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

## Compatibility

### Rockwell

Rockwell Control Logix	1756 - IA16I 1756 - IH16I 1756 - IH16ISOE 1756 - IM16I 1756 - OA16I 1756 - OH8I 1756 - OW16I 1756 - OX8I
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## Connection Data

Cable type	LiYY
Color code	per DIN VDE 47100

### Connection 1

Pluggable connector	WAGO 231 Series
Pole number 1	10
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 2

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 3

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 4

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

### Connection 5

Connector 5	Allen Bradley 1756-TBS6H/A
Connection type	System
Wire cross-section	0.34 mm <sup>2</sup>

## Physical data

Cable length	1 m
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## Material data

Fire load	0 MJ
Weight	552 g

## Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4050821386469
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**

<b>Compliance Search</b>		
Environmental Product Compliance		
706-4756/302-100		

**Documentation**

<b>System Description</b>		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	