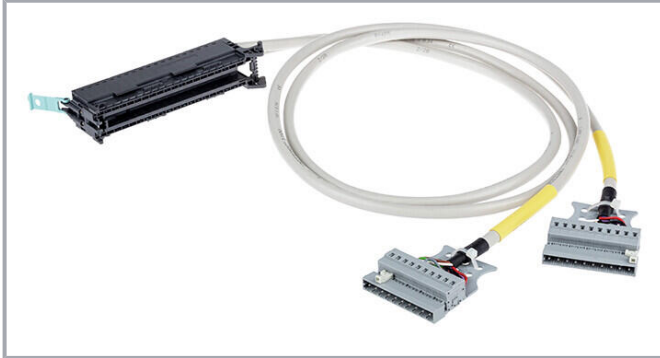


Data sheet | Item number: 706-2500/302-100

System cable; for Siemens S7-1500; 16 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.14 mm²

www.wago.com/706-2500/302-100



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7		WAGO 231 connector (JA)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	IN/OUT0.0	1	0
Brown		2	IN/OUT0.1	3	1
Green		3	IN/OUT0.2	5	2
Yellow		4	IN/OUT0.3	7	3
Grey		5	IN/OUT0.4	11	4
Pink		6	IN/OUT0.5	13	5
Blue		7	IN/OUT0.6	15	6
Red		8	IN/OUT0.7	17	7
Black		9	nc	nc	nc
Violet		10	-/N	2-4-6-8-12-14-16-18-22-24-26-28-32-34-36-38 xN	

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15		WAGO 231 connector (JB)		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		11	IN/OUT1.0	21	8
Brown		12	IN/OUT1.1	23	9
Green		13	IN/OUT1.2	25	10
Yellow		14	IN/OUT1.3	27	11
Grey		15	IN/OUT1.4	31	12
Pink		16	IN/OUT1.5	33	13
Blue		17	IN/OUT1.6	35	14
Red		18	IN/OUT1.7	37	15
Black		19	nc	nc	nc
Violet		20	nc	nc	nc

Data 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.

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Electrical data

Inputs/outputs	16 digital inputs or outputs; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility

Siemens

Siemens S7-1500	6ES7 521-7EH00-0AB0 6ES7 522-5EH00-0AB0
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Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Connector	WAGO 231 Series
Pole number 1	20
Connection type 1	System
Wire cross-section	0.34 mm ²

Connection 2

Connector 2	WAGO 231 Series
Pole number 2	20
Connection type 2	System

Connection 3

Connector 3	Siemens 6ES7-592-1BM00-0XB0
Pole number 3	40
Connection type 3	System

Physical data

Cable length	1 m
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Subject to changes. Please also observe the further product documentation!



Material data

Weight	388 g
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Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143415095
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2500/302-100	URL	Download
System cable; for Siemens S7-1500; 16 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.14 mm²		

Installation Notes

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