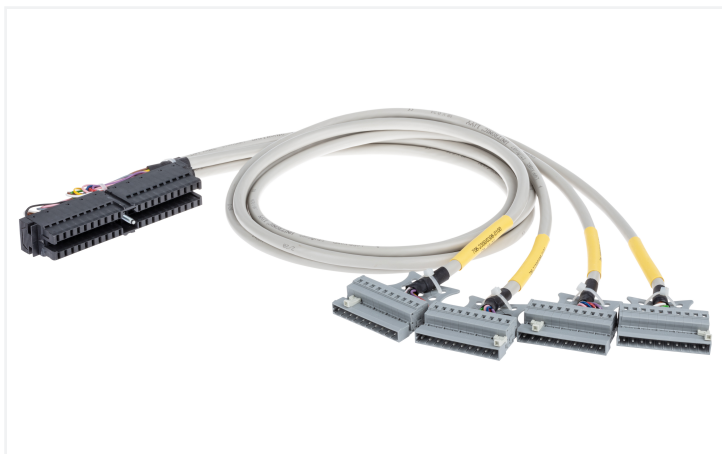


Data Sheet | Item Number: 706-2300/306-100

System cable; for Siemens S7-300; 2x 8 digital inputs or outputs for higher voltag-
es; Length: 1 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-2300/306-100>



Color coding	WAGO 24-pin connector	WAGO 8-pin connector
Pin	Pin	Pin
White	1	1
Blue	2	2
Green	3	3
Yellow	4	4
Red	5	5
Black	6	6
Grey	7	7
Light blue	8	8
Light green	9	9
Light yellow	10	10
Light red	11	11
Light grey	12	12
Light blue	13	13
Light green	14	14
Light yellow	15	15
Light red	16	16
Light grey	17	17
Light blue	18	18
Light green	19	19
Light yellow	20	20
Light red	21	21
Light grey	22	22
Light blue	23	23
Light green	24	24

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 8 digital inputs or outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

Compatibility

Siemens

Siemens S7-300	6ES7 321-1CH00-0AA0 6ES7 321-1EL00-0AA0 6ES7 322-5GH00-0AB0
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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 ²

Connection 2

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

Connection 3

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

Connection 4

Connector	WAGO 231 Series
Pole number	10
Connection type	System

Connection 5

Connector 5	Siemens 6ES7-392-1BM00-0AA0
Pole number	40
Connection type	System

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	1.1 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454881948
Customs tariff number	85444290900



Product Classification	
UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2300/306-100	

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	

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

Current addresses can be found at: www.wago.com