

Data Sheet | Item Number: 706-2300/302-100

System cable; for Siemens S7-300; 8 digital inputs and 8 digital outputs; Length: 1 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/302-100>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	ING.0	2	INO
Brown	2	ING.1	3	IN1
Green	3	ING.2	4	IN2
Yellow	4	ING.3	5	IN3
Grey	5	ING.4	6	IN4
Pink	6	ING.5	7	IN5
Blue	7	ING.6	8	IN6
Red	8	ING.7	9	IN7
Black	9	*	11	L*
Violet	10	-	10	M

Color coding acc. to DIN VDE 47100 Cable 2; Channel 0-7	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT1.0	12	OUT0
Brown	2	OUT1.1	13	OUT1
Green	3	OUT1.2	14	OUT2
Yellow	4	OUT1.3	15	OUT3
Grey	5	OUT1.4	16	OUT4
Pink	6	OUT1.5	17	OUT5
Blue	7	OUT1.6	18	OUT6
Red	8	OUT1.7	19	OUT7
Black	9	*	11	L*
Violet	10	-	20	M

Similar to illustration

Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data

Inputs/outputs	8 digital inputs and 8 digital outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-300	6ES7 323-1BH01-0AA0 6ES7 327-1BH00-0AB0
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Connection Data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	10
Connection type	System
Wire cross-section	0.14 mm ²

Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	10
Connection type	System
Wire cross-section	0.14 mm ²

Connection 3

Connector	Siemens 6ES7-392-1BJ00-0AA0
Pole number	20
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	144 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454880316

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

Environmental Product
Compliance
706-2300/302-100



Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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