

Data Sheet | Item Number: 706-2300/302-200

System cable; for Siemens S7-300; 8 digital inputs and 8 digital outputs; Length: 2 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2300/302-200>



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	2 m
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Material data

Fire load	0 MJ
Weight	405 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	4045454880323
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
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Downloads

Environmental Product Compliance

Compliance Search

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Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

