

Data Sheet | Item Number: 706-2300/100-1000

System cable; for Siemens S7-300; 2 x 16 digital inputs; Length: 10 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-2300/100-1000>



Color coding DIN 41612 47100 DIN 41612 47100	30 pins/for connector	PC connector	PC connector	
Color	Pin number	Pin number	Signal	
White	1	1001	10	10.1
Black	2	1002	20	10.2
Green	3	1003	30	10.3
Yellow	4	1004	40	10.4
Grey	5	1005	50	10.5
Blue	6	1006	60	10.6
Brown	7	1007	70	10.7
Pink	8	1008	80	10.8
Red	9	1009	90	10.9
Black	10	1010	100	10.10
Black	11	1011	110	10.11
Orange	12	1012	120	10.12
Red-Black	13	1013	130	10.13
Black-Orange	14	1014	140	10.14
Black-White	15	1015	150	10.15
Black-Black	16	1016	160	10.16
Black-Blue	17	1017	170	10.17
Black-Red	18	1018	180	10.18
Black-White	19	1019	190	10.19
Black-Black	20	1020	200	10.20

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	2 x 16 digital inputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility	
Siemens	
Siemens S7-300	6ES7 321-1BP00-0AA0

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	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 3

Connector	Fujitsu FCN-367-J40/AU/H
Pole number	40
Connection type	System
Wire cross-section	0.14 mm ²

Physical data

Cable length	10 m
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Material data

Fire load	0 MJ
Weight	1787 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Bag
GTIN	4066966471885
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

Compliance Search

Environmental Product
Compliance
706-2300/100-1000



1 Compatible Products

1.1 Optional Accessories

1.1.1 Interface module

1.1.1.1 Interface module



Item No.: 704-2004

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 1-wire connection; in mounting carrier



Item No.: 704-2024

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



Item No.: 704-2044

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 2-wire connection; in mounting carrier



Item No.: 704-2054

Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel digital input or output; 3-wire connection; in mounting carrier



Item No.: 289-614

Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²