

Data Sheet | Item Number: 706-2500/306-600

System cable; for Siemens S7-1500; 2 x 16 digital inputs or outputs; Length: 6 m;
 Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-2500/306-600>



Similar to illustration



Similar to illustration



Similar to illustration

Color coding	Pin	Signal	PC connection
Order code: 706-2500/306-600			
Order: 2-Channels 16 I/O			
Pin	Wire	Signal	PC connection
1	White	DI1	1
2	Brown	DI2	2
3	Green	DI3	3
4	Yellow	DI4	4
5	Black	DI5	5
6	Red	DI6	6
7	Blue	DI7	7
8	Black	DI8	8
9	Black	DI9	9
10	Black	DI10	10
11	Black	DI11	11
12	Black	DI12	12
13	Black	DI13	13
14	Black	DI14	14
15	Black	DI15	15
16	Black	DI16	16
17	Black	DI17	17
18	Black	DI18	18
19	Black	DI19	19
20	Black	DI20	20
21	Black	DI21	21
22	Black	DI22	22
23	Black	DI23	23
24	Black	DI24	24
25	Black	DI25	25
26	Black	DI26	26
27	Black	DI27	27
28	Black	DI28	28
29	Black	DI29	29
30	Black	DI30	30
31	Black	DI31	31
32	Black	DI32	32
33	Black	DI33	33
34	Black	DI34	34
35	Black	DI35	35
36	Black	DI36	36
37	Black	DI37	37
38	Black	DI38	38
39	Black	DI39	39
40	Black	DI40	40
41	Black	DI41	41
42	Black	DI42	42
43	Black	DI43	43
44	Black	DI44	44
45	Black	DI45	45
46	Black	DI46	46
47	Black	DI47	47
48	Black	DI48	48
49	Black	DI49	49
50	Black	DI50	50
51	Black	DI51	51
52	Black	DI52	52
53	Black	DI53	53
54	Black	DI54	54
55	Black	DI55	55
56	Black	DI56	56
57	Black	DI57	57
58	Black	DI58	58
59	Black	DI59	59
60	Black	DI60	60
61	Black	DI61	61
62	Black	DI62	62
63	Black	DI63	63
64	Black	DI64	64
65	Black	DI65	65
66	Black	DI66	66
67	Black	DI67	67
68	Black	DI68	68
69	Black	DI69	69
70	Black	DI70	70
71	Black	DI71	71
72	Black	DI72	72
73	Black	DI73	73
74	Black	DI74	74
75	Black	DI75	75
76	Black	DI76	76
77	Black	DI77	77
78	Black	DI78	78
79	Black	DI79	79
80	Black	DI80	80
81	Black	DI81	81
82	Black	DI82	82
83	Black	DI83	83
84	Black	DI84	84
85	Black	DI85	85
86	Black	DI86	86
87	Black	DI87	87
88	Black	DI88	88
89	Black	DI89	89
90	Black	DI90	90
91	Black	DI91	91
92	Black	DI92	92
93	Black	DI93	93
94	Black	DI94	94
95	Black	DI95	95
96	Black	DI96	96
97	Black	DI97	97
98	Black	DI98	98
99	Black	DI99	99
100	Black	DI100	100

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 or outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

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	Pluggable connector per DIN 41651; female connector
Pole number	40
Connection type	System

Physical data

Cable length	6 m
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Material data

Fire load	0 MJ
Weight	905 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Bag
GTIN	4066966421798
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

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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