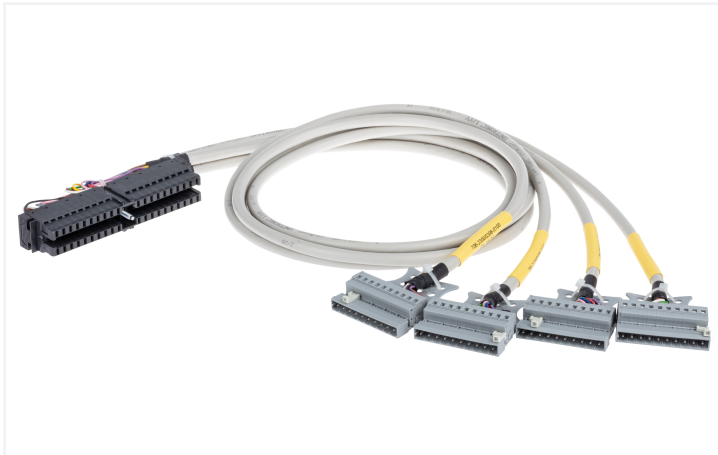


Data Sheet | Item Number: 706-2300/306-200

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

<https://www.wago.com/706-2300/306-200>



Color coding	WAGO 2300	WAGO 306
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 black	12	12
Light grey	13	13
Light light blue	14	14
Light light green	15	15
Light light yellow	16	16
Light light red	17	17
Light light black	18	18
Light light grey	19	19
Light light light blue	20	20
Light light light green	21	21
Light light light yellow	22	22
Light light light red	23	23
Light light light black	24	24
Light light light grey	25	25
Light light light light blue	26	26
Light light light light green	27	27
Light light light light yellow	28	28
Light light light light red	29	29
Light light light light black	30	30
Light light light light grey	31	31
Light light light light light blue	32	32
Light light light light light green	33	33
Light light light light light yellow	34	34
Light light light light light red	35	35
Light light light light light black	36	36
Light light light light light grey	37	37
Light light light light light light blue	38	38
Light light light light light light green	39	39
Light light light light light light yellow	40	40
Light light light light light light red	41	41
Light light light light light light black	42	42
Light light light light light light grey	43	43
Light light light light light light light blue	44	44
Light light light light light light light green	45	45
Light light light light light light light yellow	46	46
Light light light light light light light red	47	47
Light light light light light light light black	48	48
Light light light light light light light grey	49	49
Light light light light light light light light blue	50	50
Light light light light light light light light green	51	51
Light light light light light light light light yellow	52	52
Light light light light light light light light red	53	53
Light light light light light light light light black	54	54
Light light light light light light light light grey	55	55
Light light light light light light light light light blue	56	56
Light light light light light light light light light green	57	57
Light light light light light light light light light yellow	58	58
Light light light light light light light light light red	59	59
Light light light light light light light light light black	60	60
Light light light light light light light light light grey	61	61
Light light light light light light light light light light blue	62	62
Light light light light light light light light light light green	63	63
Light light light light light light light light light light yellow	64	64
Light light light light light light light light light light red	65	65
Light light light light light light light light light light black	66	66
Light light light light light light light light light light grey	67	67
Light light light light light light light light light light light blue	68	68
Light light light light light light light light light light light green	69	69
Light light light light light light light light light light light yellow	70	70
Light light light light light light light light light light light red	71	71
Light light light light light light light light light light light black	72	72
Light light light light light light light light light light light grey	73	73
Light light light light light light light light light light light light blue	74	74
Light light light light light light light light light light light light green	75	75
Light light light light light light light light light light light light yellow	76	76
Light light light light light light light light light light light light red	77	77
Light light light light light light light light light light light light black	78	78
Light light light light light light light light light light light light grey	79	79
Light light light light light light light light light light light light light blue	80	80
Light light light light light light light light light light light light light green	81	81
Light light light light light light light light light light light light light yellow	82	82
Light light light light light light light light light light light light light red	83	83
Light light light light light light light light light light light light light black	84	84
Light light light light light light light light light light light light light grey	85	85
Light light light light light light light light light light light light light light blue	86	86
Light light light light light light light light light light light light light light green	87	87
Light light light light light light light light light light light light light light yellow	88	88
Light light light light light light light light light light light light light light red	89	89
Light light light light light light light light light light light light light light black	90	90
Light light light light light light light light light light light light light light grey	91	91
Light light light light light light light light light light light light light light light blue	92	92
Light light light light light light light light light light light light light light light green	93	93
Light light light light light light light light light light light light light light light yellow	94	94
Light light light light light light light light light light light light light light light red	95	95
Light light light light light light light light light light light light light light light black	96	96
Light light light light light light light light light light light light light light light grey	97	97
Light light light light light light light light light light light light light light light light blue	98	98
Light light light light light light light light light light light light light light light light green	99	99
Light light light light light light light light light light light light light light light light yellow	100	100

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	2 m
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Material data

Fire load	0 MJ
Weight	875 g

Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4045454881962



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		↓
706-2300/306-200		

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