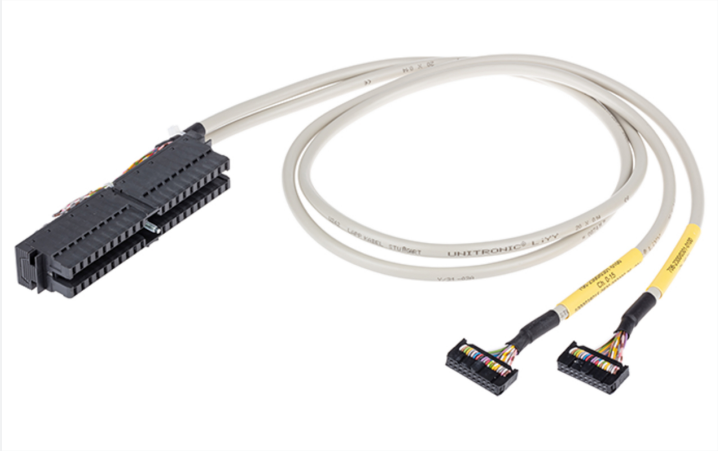
Data Sheet | Item Number: 706-2300/301-100

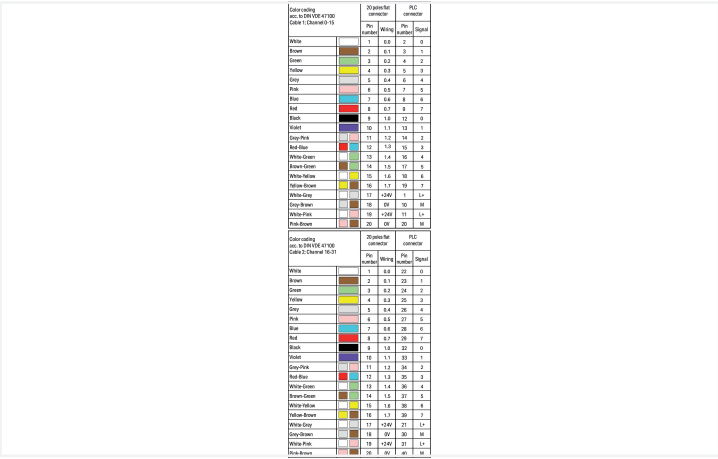
System cable; for Siemens S7-300; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²

https://www.wago.com/706-2300/301-100









Color coding acc. to DIN VDE 471 00 Cable 1: Channel 0-15		20 poles flat connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	0.0	2	0
Brown		2	0.1	3	1
Green		3	0.2	4	2
Yellow		4	0.3	5	3
Grey		5	0.4	6	4
Pink		6	0.5	7	5
Blue		7	0.6	8	6
Red		8	0.7	9	7
Black		9	1.0	12	0
Violet		10	1.1	13	1
Grey-Pink		11	1.2	14	2
Red-Blue		12	1.3	15	3
White-Green		13	1.4	16	4
Brown-Green		14	1.5	17	5
White-Yellow		15	1.6	18	6
Yellow-Brown		16	1.7	19	7
White-Grey		17	+24V	1	L+
Grey-Brown		18	0V	10	M
White-Pink		19	+24V	11	L+
Pink-Brown		20	0V	20	M

Color coding acc. to DIN VDE 471 00 Cable 2: Channel 16-31		20 poles flat connector		PLC connector	
		Pin number	Wiring	Pin number	Signal
White		1	0.0	22	0
Brown		2	0.1	23	1
Green		3	0.2	24	2
Yellow		4	0.3	25	3
Grey		5	0.4	26	4
Pink		6	0.5	27	5
Blue		7	0.6	28	6
Red		8	0.7	29	7
Black		9	1.0	32	0
Violet		10	1.1	33	1
Grey-Pink		11	1.2	34	2
Red-Blue		12	1.3	35	3
White-Green		13	1.4	36	4
Brown-Green		14	1.5	37	5
White-Yellow		15	1.6	38	6
Yellow-Brown		16	1.7	39	7
White-Grey		17	+24V	21	L+
Grey-Brown		18	0V	30	M
White-Pink		19	+24V	31	L+
Pink-Brown		20	0V	40	M

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

Compatibility

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 mm²

Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm²

Connection 3

Connector	Siemens 6ES7-392-1BM00-0AA0
Pole number	40
Connection type	System
Wire cross-section	0.14 mm²

Physical data

Cable length	1 m

Material data

Weight	247 g

Environmental requirements

Ambient temperature (operation)	-20 … +50 °C

Commercial data

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454873875
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
eCl@ss 10.0	27-24-22-20
eCl@ss 9.0	27-24-22-20
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2300/301-100

Documentation

Bid Text

706-2300/301-100	19.02.2019	xml 3.15 KB
706-2300/301-100	09.02.2015	doc 25.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe 706-2300/301-100

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.: 704-5004
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 704-5014
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Double-deck PCB terminal blocks; without relay; in mounting carrier; 2,50 mm²



Item No.: 704-5034
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; PCB terminal blocks; with output fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5024
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²



Item No.: 704-5044
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 changeover contact; Triple-deck PCB terminal blocks; with manual operation; in mounting carrier; 2,50 mm²



Item No.: 704-5054
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5074
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 1 make contact; with disconnect terminal block and fuse; in mounting carrier; 2,50 mm²



Item No.: 704-5064
Interface module for system wiring; Pluggable connector per DIN 41651; Male connector; 20-pole; 16-channel relay output; 2 changeover contacts; Double-deck PCB terminal blocks; in mounting carrier; 2,50 mm²

Continued on next page

1.1.1.1 Interface module



Item No.: 289-614
Interface module; Pluggable connector per DIN 41651; 20-pole; Triple-deck PCB terminal blocks; in mounting carrier; 2,50 mm²