

Data Sheet | Item Number: 706-2300/304-200
System cable; for Siemens S7-300; 16 digital inputs or outputs for higher voltages with 1 line per signal; Length: 2 m; Conductor cross-section: 0.34 mm²



<https://www.wago.com/706-2300/304-200>



Color coding acc. to DIN VDE 47100 Cable 1: Channel 0-7	WAGO 231 series LAN		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	INOUT1A	3	0
Brown	2	INOUT1A	5	1
Green	3	INOUT1A	7	2
Yellow	4	INOUT1A	9	3
Grey	5	INOUT1A	11	4
Pink	6	INOUT1A	12	5
Blue	7	INOUT1A	15	6
Red	8	INOUT1A	17	7
Black	9	+E	1+11	L
Violet	10	-E	10+20	M

Color coding acc. to DIN VDE 47100 Cable 2: Channel 8-15	WAGO 231 series LAN		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	INOUT1A	12	8
Brown	12	INOUT1A	13	9
Green	13	INOUT1A	14	10
Yellow	14	INOUT1A	15	11
Grey	15	INOUT1A	16	12
Pink	16	INOUT1A	17	13
Blue	17	INOUT1A	18	14
Red	18	INOUT1A	19	15
Black	19	NC	NC	NC
Violet	20	NC	NC	NC

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	16 digital inputs or outputs; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility	
Siemens	
Siemens S7-300	6ES7 321-1CH20-0AA0 6ES7 321-1CH80-0AA0 6ES7 322-1FL00-0AA0 6ES7 322-1FH00-0AA0

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	WAGO 231 Series
Pole number 1	10
Connection type 1	System
Wire cross-section	0.34 mm²
Connection 2	
Connector 2	WAGO 231 Series
Pole number 2	10
Connection type 2	System
Connection 3	
Connector 3	Siemens 6ES7-392-1BJ00-0AA0
Pole number 3	20
Connection type 3	System



Physical data	
Cable length	2 m

Material Data	
Fire load	0 MJ
Weight	1.1 g

Environmental requirements	
Ambient temperature (operation at U _N)	-20 ... +50 °C

Commercial data	
ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	FR
GTIN	4045454880361
Customs tariff number	85444290900

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 706-2300/304-200	

Documentation	
System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 