

Data Sheet | Item Number: 706-2500/202-300

System cable; for Siemens S7-1500; 16 digital outputs for higher voltages; Length: 3 m; Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-2500/202-300>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7	WAGO 231 connector (A)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	2	0
Brown	2	OUT0.1	3	1
Green	3	OUT0.2	6	2
Yellow	4	OUT0.3	7	3
Grey	5	OUT0.4	12	4
Pink	6	OUT0.5	13	5
Blue	7	OUT0.6	16	6
Red	8	OUT0.7	17	7
Black	9	+L	16-17, 19-20	+L
Violet	10	nc	nc	nc

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15	WAGO 231 connector (B)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	OUT1.0	22	8
Brown	12	OUT1.1	23	9
Green	13	OUT1.2	26	10
Yellow	14	OUT1.3	27	11
Grey	15	OUT1.4	32	12
Pink	16	OUT1.5	33	13
Blue	17	OUT1.6	36	14
Red	18	OUT1.7	37	15
Black	19	2	19-39	+24V
Violet	20	3	20-40	0V

Similar to illustration

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 outputs; for higher voltages
Operating voltage	≤ 250 VAC/VDC
Current per wire (max.)	0.75 A

Compatibility

Siemens

Siemens S7-1500	6ES7 522-5FH00-0AB0 6ES7 522-5HH00-0AB0
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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	Siemens 6ES7-592-1BM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.34 mm ²

Physical data	
Cable length	3 m

Material data	
Fire load	0 MJ
Weight	716 g

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


Commercial data	
PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143415033
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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2500/202-300	

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf 533.15 KB	
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