



Similar to illustration

Color coding acc. to DIN VDE 47100 Cable 1: Channel 0-7	WAGO 231 series (AI)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	2	I0
Brown	2	OUT0.1	3	I1
Green	3	OUT0.2	4	I2
Yellow	4	OUT0.3	5	I3
Grey	5	OUT0.4	6	I4
Pink	6	OUT0.5	7	I5
Blue	7	OUT0.6	8	I6
Red	8	OUT0.7	9	I7
Black	9	L	1+11	L
Violet	10	nc	nc	nc

Color coding acc. to DIN VDE 47100 Cable 2: Channel 8-15	WAGO 231 series (BI)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	11	OUT1.0	12	I8
Brown	12	OUT1.1	13	I9
Green	13	OUT1.2	14	I10
Yellow	14	OUT1.3	15	I11
Grey	15	OUT1.4	16	I12
Pink	16	OUT1.5	17	I13
Blue	17	OUT1.6	18	I14
Red	18	OUT1.7	19	I15
Black	19	20/0V	10	L+
Violet	20	20V	20	M

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	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility	
Siemens	
Siemens S7-300	6ES7 322-1BH01-0AA0

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	442 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
GTIN	4045454880231

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2300/202-200	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 