



Similar to illustration

Color coding acc. to DIN VDE 47100	WAGO 231 connector (JA)		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	4	L0
Brown	2	OUT0.1	10	L1
Green	3	OUT0.2	15	L2
Yellow	4	OUT0.3	21	L3
Grey	5	OUT0.4	27	L4
Pink	6	OUT0.5	33	L5
Blue	7	OUT0.6	39	L6
Red	8	OUT0.7	45	L7
Black	9	+I/L	5=11+18+ 22+28+34 +42+48	1L...7L
Violet	10	N	7=113+18+ 24+30+36 +42+48	1N...7N
Grey-Pink	11	nc	nc	nc
Red-Blue	12	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	8 digital inputs; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility	
Siemens	
Siemens S7-400	6ES7 422-1FF00-0AA0

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	WAGO 231 Series
Pole number 1	20
Connection type 1	System
Wire cross-section	0.14 mm²

Connection 2	
Connector 2	Siemens 6ES7-492-1BL00-0AA0
Pole number 2	20
Connection type 2	System

Connection 3	
Pole number 3	48



Physical data	
Cable length	1 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
GTIN	4055143037457

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2400/201-100	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 