



Similar to illustration

Color coding acc. to DIN VDE 47100	20 pin flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	1	0
Brown	2	0.1	2	1
Green	3	0.2	5	2
Yellow	4	0.3	6	3
Grey	5	0.4	11	4
Pink	6	0.5	12	5
Blue	7	0.6	15	6
Red	8	0.7	16	7
Black	9	1.0	21	8
Violet	10	1.1	22	9
Grey-Pink	11	1.2	25	10
Red-Blue	12	1.3	26	11
White-Green	13	1.4	31	12
Brown-Green	14	1.5	32	13
White-Yellow	15	1.6	35	14
Yellow-Brown	16	1.7	36	15
White-Gray	17	+24V	18	L+
Grey-Brown	18	0V	20	M
White-Pink	19	+24V	39	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	8 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Siemens	
Siemens S7-1500	6ES7 526-2BF00-0AB0

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	10
Connection type 1	System
Wire cross-section	0.14 mm²

Connection 2	
Connector 2	Siemens 6ES7-592-1BM00-0XB0
Pole number 2	40
Connection type 2	System



Physical data	
Cable length	2 m

Material Data	
Fire load	0 MJ
Weight	187 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	Bag
GTIN	4055143594301

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2500/205-200	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 