



Similar to illustration

Color coding acc. to DIN VDE 47100	Connector HE10		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	2	D0
Brown	2	0.1	4	D1
Green	3	0.2	6	D2
Yellow	4	0.3	8	D3
Grey	5	0.4	12	D4
Pink	6	0.5	14	D5
Blue	7	0.6	16	D6
Red	8	0.7	18	D7
Black	9	1.0	22	D0
Violet	10	1.1	24	D1
Grey-Pink	11	1.2	26	D2
Red-Blue	12	1.3	28	D3
White-Green	13	1.4	32	D4
Brown-Green	14	1.5	34	D5
White-Yellow	15	1.6	36	D6
Yellow-Brown	16	1.7	38	D7
White-Grey	17	+24V	19	L+
Grey-Brown	18	0V	20	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc

Notes	
Note	When using more than 10 wires, the maximum current per wire must be reduced to 0.7 A.

Electrical data	
Inputs/outputs	16 digital inputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility	
Siemens	
Siemens S7-1500	6ES7 526-1BH00-0AB0

Connection data	
Cable type	LiYY
Color code	per DIN VDE 47100
Connection 1	
Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type 1	System
Wire cross-section	0.25 mm²

Connection 2	
Connector 2	Siemens 6ES7 526-1BH00-0AB0
Pole number 2	40
Connection type 2	System



Physical data	
Cable length	1 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	4055143594240

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 706-2500/103-100	

Documentation

System Description	
WAGO System Wiring, Selection Guide	pdf 533.15 KB 