

Data Sheet | Item Number: 706-2500/600-100

System cable; for Siemens S7-1500; 5 analog inputs and 2 analog outputs, voltage;
Length: 1 m; Conductor cross-section: 0.25 mm²

<https://www.wago.com/706-2500/600-100>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	EV0	1	U0+
Brown	2	EV0	2	Q0+
Green	3	1-	6	1-
Yellow	4	EV2	7	U2+
Grey	5	EV2	8	I2+
Pink	6	3-	12	3-
Blue	7	M4+	13	M4+
Red	8	M4-	14	M4-
Black	9	nc	nc	nc
Violet	10	SW0	17	QV+
Grey-Pink	11	SI0	17	QV0
Red-Blue	12	Mana	20	Mana
White-Green	13	nc	nc	nc
Brown-Green	14	0-	3	0-
White-Yellow	15	EV1	4	U1+
White-Brown	16	E11	5	I1+
White-Grey	17	2-	9	2-
Grey-Brown	18	EV3	10	U3+
White-Pink	19	E13	11	I3-
Pink-Brown	20	IC4+	15	IC4+
White-Blue	21	IC4-	16	IC4-
Brown-Blue	22	nc	nc	nc
White-Red	23	Mana	19	Mana
Brown-Red	24	SW0	17	QV0
White-Black	25	SV1	18	QV1
Shield				Connected to Sub-D

Similar to illustration

Notes

Note When using more than 10 wires, the maximum current per wire must be reduced to 1 A.

Electrical data

Inputs/outputs	5 analog inputs and 2 analog outputs; voltage
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

Compatibility

Siemens

Siemens S7-1500	6ES7 511-1CK00-0AB0 6ES7 512-1CK00-0AB0
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Connection Data

Cable type	LiYCY
Color code	per DIN VDE 47100

Connection 1	
Pluggable connector	D-subminiature female connector
Pole number 1	25
Connection type	System
Wire cross-section	0.25 mm ²

Connection 2

Connector	Siemens 6ES7-592-1AM00-0XB0
Pole number	40
Connection type	System
Wire cross-section	0.25 mm ²

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	398 g

Environmental requirements

Ambient temperature (operation)	-20 ... +50 °C
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Commercial data

PU (SPU)	1 pcs
Packaging type	Bag
Country of origin	FR
GTIN	4055143602341
Customs tariff number	85444290900

Product Classification

UNSPSC	26121604
ETIM 9.0	EC000237
ETIM 10.0	EC000237
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

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706-2500/600-100



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

