

Data sheet | Item number: 706-2500/600-200

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



www.wago.com/706-2500/600-200



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	EVO	1	U0+
Brown	2	EI0	2	I0+
Green	3	1-	6	1-
Yellow	4	EV2	7	U2+
Grey	5	EI2	8	I2+
Pink	6	3-	12	3-
Blue	7	M4+	13	M4+
Red	8	M4-	14	M4-
Black	9	nc	nc	
Violet	10	SV0	17	QV+
Grey-Pink	11	SI0	17	QI0
Red-Blue	12	Mana	20	Mana
White-Green	13	nc	nc	
Brown-Green	14	0-	3	0-
White-Yellow	15	EV1	4	U1+
Yellow-Brown	16	EI1	5	I1+
White-Grey	17	2-	9	2-
Grey-Brown	18	EV3	10	U3+
White-Pink	19	EI3	11	I3-
Pink-Brown	20	IC4+	15	IC4+
White-Blue	21	IC4-	16	IC4-
Brown-Blue	22	nc	nc	
White-Red	23	Mana	19	Mana
Brown-Red	24	SV0	17	QV0
White-Black	25	SV1	18	QV1
Shield		Connected to Sub-D		

Data Notes

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

Subject to changes. Please also observe the further product documentation!

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Electrical data

Inputs/outputs	5 analog inputs and 2 analog outputs; voltage
Operating voltage	≤ AC/DC 35 V
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

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

Connection 2

Connector 2	Siemens 6ES7-592-1AM00-0XB0
Pole number 2	40
Connection type 2	System

Physical data

Cable length	2 m
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Material Data

Weight	567 g
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Environmental requirements

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	bag
Country of origin	FR
GTIN	4055143602358
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Documentation

System Description

WAGO System Wiring, Selection Guide	pdf	Download
This guide will help you select the appropriate interface modules and system cables for the controller you are using.	545.9 kB	

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 706-2500/600-200	URL	Download
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Installation Notes

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