

# Data Sheet | Item Number: 706-2400/501-300

System cable; for Siemens S7-400; 8 analog outputs (voltage); Length: 3 m; Conductor cross-section: 0.25 mm<sup>2</sup>

<https://www.wago.com/706-2400/501-300>



Color coding acc. to DIN VDE 47100	25 poles Sub-D connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	IN0+	4+7	QV050+
Brown	2	IN0-	8	Man0_050-
Green	3	IN1+	11+12	QV051+
Yellow	4	IN1-	13	Man01_051-
Grey	5	IN2+	16+17	QV052+
Pink	6	IN2-	18	Man02_052-
Blue	7	IN3+	21+22	QV053+
Red	8	IN3-	23	Man03_053-
Black	9	IN4+	28+29	QV054+
Violet	10	IN4-	30	Man04_054-
Grey-Pink	11	IN5+	33+34	QV055+
Red-Blue	12	IN5-	35	Man05_055-
White-Green	13	IN6+	38+39	QV056+
Brown-Green	14	IN6-	40	Man06_056-
White-Yellow	15	IN7+	43+44	QV057+
Yellow-Brown	16	IN7-	45	Man07_057-
White-Gray	17	-	4	L+
Grey-Brown	18	-	48	M
White-Pink	19	nc	nc	nc
Pink-Brown	20	nc	nc	nc
White-Blue	21	nc	nc	nc
Brown-Blue	22	nc	nc	nc
White-Red	23	nc	nc	nc
Brown-Red	24	nc	nc	nc
White-Black	25	2	26	Man0
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	8 analog outputs; voltage
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	2 A

Compatibility	
<b>Siemens</b>	
Siemens S7-400	6ES7 432-1HF00-0AB0

Connection Data	
Cable type	LiYCY
Color code	per DIN VDE 47100
<b>Connection 1</b>	
Pluggable connector	D-subminiature female connector
Pole number 1	25
Connection type	System
Wire cross-section	0.25 mm <sup>2</sup>

Connection 2	
Connector	Siemens 6ES7-492-1BL00-0AA0
Pole number	48
Connection type	System
Wire cross-section	0.25 mm <sup>2</sup>

### Physical data

Cable length	3 m
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### Material data

Fire load	0 MJ
Weight	1.1 g

### Environmental requirements

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

PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143037679

### Product Classification

UNSPSC	26121629
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

Environmental Product  
Compliance  
706-2400/501-300



### Documentation

#### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

