

# Data Sheet | Item Number: 706-2400/100-100

System cable; for Siemens S7-400; 2x 8 digital inputs; Length: 1 m; Conductor cross-section: 0.14 mm<sup>2</sup>

<https://www.wago.com/706-2400/100-100>



Color coding DIN 41612-47100 DIN 41612-47100	20 pin number	20 pin number	PCB number	PCB number
White	1	1	1	1
Black	2	2	2	2
Green	3	3	3	3
Yellow	4	4	4	4
Grey	5	5	5	5
Blue	6	6	6	6
Red	7	7	7	7
Brown	8	8	8	8
Pink	9	9	9	9
Light Blue	10	10	10	10
Light Green	11	11	11	11
Light Yellow	12	12	12	12
Light Grey	13	13	13	13
Light Blue-Grey	14	14	14	14
Light Green-Grey	15	15	15	15
Light Yellow-Grey	16	16	16	16
Light Grey-Grey	17	17	17	17
Light Blue-Grey	18	18	18	18
Light Green-Grey	19	19	19	19
Light Yellow-Grey	20	20	20	20

Similar to illustration

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

Electrical data	
Inputs/outputs	2 x 8 digital inputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility	
<b>Siemens</b>	
Siemens S7-400	6ES7 421-7BH01-0AB0

Connection Data		Connection 1	
Cable type	LiYY	Pluggable connector	Pluggable connector per DIN 41651; female connector
Color code	per DIN VDE 47100	Pole number 1	20
		Connection type	System
		Wire cross-section	0.14 mm <sup>2</sup>

### Connection 2

Connector	Pluggable connector per DIN 41651; female connector
Pole number	20
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Connection 3

Connector	Siemens 6ES7-492-1BL00-0AA0
Pole number	48
Connection type	System
Wire cross-section	0.14 mm <sup>2</sup>

### Physical data

Cable length	1 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
Country of origin	FR
GTIN	4055143072021
Customs tariff number	85444290900

### 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  
706-2400/100-100



## Documentation

### System Description

WAGO System Wiring,  
Selection Guide

pdf  
533.15 KB

