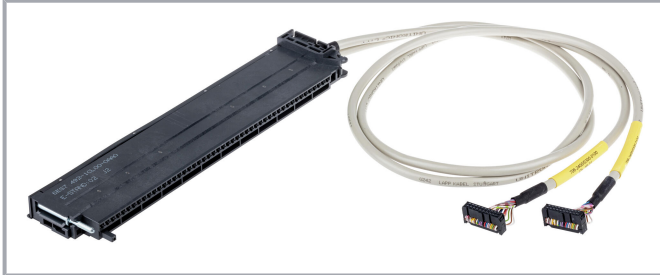


Data sheet | Item number: 706-2400/300-100

System cable; for Siemens S7-400; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm²



www.wago.com/706-2400/300-100



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-15	Interface connector 1			
	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	4	0L
Brown	2	0.1	5	1L
Green	3	0.2	6	2L
Yellow	4	0.3	7	3L
Grey	5	0.4	8	4L
Pink	6	0.5	9	5L
Blue	7	0.6	10	6L
Red	8	0.7	11	7L
Black	9	1.0	15	8L
Violet	10	1.1	16	9L
Grey-Pink	11	1.2	17	10L
Red-Blue	12	1.3	18	11L
White-Green	13	1.4	19	12L
Brown-Green	14	1.5	20	13L
White-Yellow	15	1.6	21	14L
Yellow-Brown	16	1.7	22	15L
White-Grey	17	+24V	3	1L+
Grey-Brown	18	0V	48	M
White-Pink	19	+24V	13	2L+
Pink-Brown	20	0V	12+13	1M/2M

Color coding acc. to DIN VDE 47100 Cable 2; Channel 16-31	Interface connector 2			
	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	27	16L
Brown	2	0.1	28	17L
Green	3	0.2	29	18L
Yellow	4	0.3	30	19L
Grey	5	0.4	31	20L
Pink	6	0.5	32	21L
Blue	7	0.6	33	22L
Red	8	0.7	34	23L
Black	9	1.0	39	24L
Violet	10	1.1	40	25L
Grey-Pink	11	1.2	41	26L
Red-Blue	12	1.3	42	27L
White-Green	13	1.4	43	28L
Brown-Green	14	1.5	44	29L
White-Yellow	15	1.6	45	30L
Yellow-Brown	16	1.7	46	31L
White-Grey	17	+24V	26	3L+
Grey-Brown	18	0V	48	M
White-Pink	19	+24V	38	4L+
Pink-Brown	20	0V	35+47	3M/4M

Data
Notes

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

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

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Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.



Electrical data

Inputs/outputs	2 x 16 digital inputs or outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility

Siemens

Siemens S7-400	6ES7 421-1BL01-0AA0 6ES7 422-1BL00-0AA0 6ES7 422-7BL00-0AB0
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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	0.14 mm ²

Connection 2

Connector 2	Pluggable connector per DIN 41651; female connector
Pole number 2	20
Connection type 2	System

Connection 3

Connector 3	Siemens 6ES7-492-1BL00-0AA0
Pole number 3	48
Connection type 3	System

Physical data

Cable length	1 m
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Material Data

Weight	389 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	4055143979863
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 706-2400/300-100	URL	Download
System cable; for Siemens S7-400; 2 x 16 digital inputs or outputs; Length: 1 m; Conductor cross-section: 0.14 mm ²		

Installation Notes

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