

Data Sheet | Item Number: 706-3033/100-300

System cable; for Schneider Twido; 16 digital inputs; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-3033/100-300>



Similar to illustration



Color coding acc. to DIN VDE 47100	20 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	0.0	20	IN0
Brown	2	0.1	18	IN1
Green	3	0.2	16	IN2
Yellow	4	0.3	14	IN3
Grey	5	0.4	12	IN4
Pink	6	0.5	10	IN5
Blue	7	0.6	8	IN6
Red	8	0.7	6	IN7
Black	9	1.0	19	IN8
Violet	10	1.1	17	IN9
Grey-Pink	11	1.2	15	IN10
Red-Blue	12	1.3	13	IN11
White-Green	13	1.4	11	IN12
Brown-Green	14	1.5	9	IN13
White-Yellow	15	1.6	7	IN14
Yellow-Brown	16	1.7	5	IN15
White-Grey	17	+24V	nc	
Grey-Brown	18	0V	4	alim-
White-Pink	19	+24V	nc	
Pink-Brown	20	0V	3	alim-

Notes

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

Electrical data

Inputs/outputs	16 digital inputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Schneider

Schneider Modicon TM3	TM3 DI16K TM3 DI32K
Schneider Twido	TM2 DDI 16DK TM2 DDI 32DK

Connection Data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Pluggable connector	Pluggable connector per DIN 41651; female connector
Pole number 1	20
Connection type	System
Wire cross-section	0.14 mm ²

Connection 2

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

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	4050821015390
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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Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

