

Data Sheet | Item Number: 706-3037/305-300

System cable; for Schneider TSX; 8 digital inputs and 8 digital outputs; Length: 3 m;

Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-3037/305-300>



Similar to illustration

Color coding acc. to DIN VDE 47 100 Cable 1; Channel 0-7	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	INO.0	1	I0
Brown	2	INO.1	2	I1
Green	3	INO.2	3	I2
Yellow	4	INO.3	4	I3
Grey	5	INO.4	5	I4
Pink	6	INO.5	6	I5
Blue	7	INO.6	7	I6
Red	8	INO.7	8	I7
Black	9	+24V	17	+24V
Violet	10	0V	18	0V

Color coding acc. to DIN VDE 47 100 Cable 2; Channel 0-7	10 poles flat connector		PLC connector	
	Pin number	Wiring	Pin number	Signal
White	1	OUT0.0	9	Q8
Brown	2	OUT0.1	10	Q9
Green	3	OUT0.2	11	Q10
Yellow	4	OUT0.3	12	Q11
Grey	5	OUT0.4	13	Q12
Pink	6	OUT0.5	14	Q13
Blue	7	OUT0.6	15	Q14
Red	8	OUT0.7	16	Q15
Black	9	+24V	19	+24V
Violet	10	0V	20	0V

Notes

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

Electrical data

Inputs/outputs	8 digital inputs and 8 digital outputs
Operating voltage	≤ AC/DC 35 V
Current per wire (max.)	1 A

Compatibility

Schneider

Schneider TSX TSX DMZ 16DTK

Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Connector	Pluggable connector per DIN 41651; female connector
Pole number 1	10
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	10
Connection type 2	System

Connection 3

Connector 3	Pluggable connector per DIN 41651; female connector
Pole number 3	20
Connection type 3	System

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

ETIM 8.0	EC000237
ETIM 7.0	EC000237
PU (SPU)	1 pcs
Packaging type	Box
GTIN	4055143037723

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Compliance
706-3037/305-300

**Documentation****System Description**

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

