

Data Sheet | Item Number: 706-3057/100-100

System cable; for Schneider TSX; 16 digital inputs for higher voltages; Length: 1 m;

Conductor cross-section: 0.34 mm²

<https://www.wago.com/706-3057/100-100>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7		WAGO 231 series (AI)		PLC connector	
Color	Pin number	Wiring	Pin number	Signal	
White	1	INO.0	1	LD	
Brown	2	INO.1	2	L1	
Green	3	INO.2	3	L2	
Yellow	4	INO.3	4	L3	
Grey	5	INO.4	5	L4	
Pink	6	INO.5	6	L5	
Blue	7	INO.6	7	L6	
Red	8	INO.7	8	L7	
Black	9	L/+	18	L/+	
Violet	10	N/-	17	N/-	

Color coding acc. to DIN VDE 47100 Cable 2; Channel 8-15		WAGO 231 series (UI)		PLC connector	
Color	Pin number	Wiring	Pin number	Signal	
White	11	IN1.0	9	L8	
Brown	12	IN1.1	10	L9	
Green	13	IN1.2	11	L10	
Yellow	14	IN1.3	12	L11	
Grey	15	IN1.4	13	L12	
Pink	16	IN1.5	14	L13	
Blue	17	IN1.6	15	L14	
Red	18	IN1.7	16	L15	
Black	19	nc	nc	nc	
Violet	20	nc	nc	nc	

Notes

Note

If less than 3 channels are used simultaneously, the maximum current per conductor is 2 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L. If more than 3 channels are used simultaneously, the maximum current per conductor is 0.75 A and up to 5 A (30°C ambient temperature) or 3.5 A (50°C ambient temperature) at pins N/L.

Electrical data

Inputs/outputs

16 digital inputs; for higher voltages

Operating voltage

≤ 250 VAC/VDC

Current per wire (max.)

0.75 A

Compatibility

Schneider

Schneider TSX	TSX DEY 16A2 TSX DEY 16A3 TSX DEY 16A4 TSX DEY 16A5 TSX DEY 16D3
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Connection data

Cable type	LiYY
Color code	per DIN VDE 47100

Connection 1

Pluggable connector	WAGO 231 Series
Pole number 1	10
Connection type	System
Wire cross-section	0.34 mm ²

Connection 2

Connector	WAGO 231 Series
Pole number	10
Connection type	System
Wire cross-section	0.34 mm ²

Connection 3

Connector	Schneider TSXBLY01
Pole number	20
Connection type	System

Physical data

Cable length	1 m
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Material data

Fire load	0 MJ
Weight	331 g

Environmental requirements

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

Product Group	30 (WAGO France)
PU (SPU)	1 pcs
Packaging type	not specified
Country of origin	FR
GTIN	4045454876173
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		↓
706-3057/100-100		

Documentation

System Description		
WAGO System Wiring, Selection Guide	pdf 533.15 KB	↓

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

Current addresses can be found at: www.wago.com