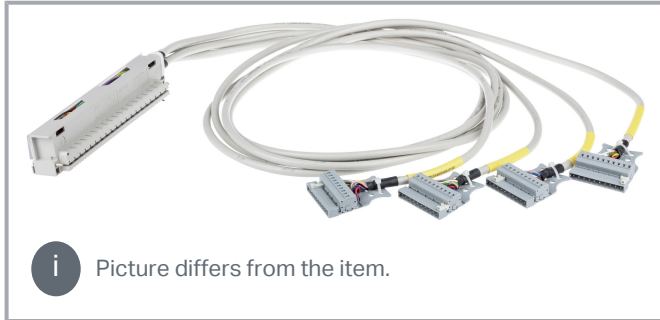


Data sheet | Item number: 706-3140/300-100

System cable; for Schneider Modicon Quantum; 2 x 16 digital inputs or outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.34 mm²



www.wago.com/706-3140/300-100



i Picture differs from the item.

Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-7		Interface connector 1			
		WAGO 231 connector (JA)		PLC connector	
Pin number	Wiring	Pin number	Signal		
White	1	IN/OUT 0	1	L0	
Brown	2	IN/OUT 1	2	L1	
Green	3	IN/OUT 2	3	L2	
Yellow	4	IN/OUT 3	4	L3	
Grey	5	IN/OUT 4	5	L4	
Pink	6	IN/OUT 5	6	L5	
Blue	7	IN/OUT 6	7	L6	
Red	8	IN/OUT 7	8	L7	
Black	9	+L	10+20	L	
Violet	10	-N	9+19	nc	

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

Color coding acc. to DIN VDE 47100 Cable 3; Channel 16-23		Interface connector 2			
		WAGO 231 connector (JA)		PLC connector	
Pin number	Wiring	Pin number	Signal		
White	1	IN/OUT 0	21	L16	
Brown	2	IN/OUT 1	22	L17	
Green	3	IN/OUT 2	23	L18	
Yellow	4	IN/OUT 3	24	L19	
Grey	5	IN/OUT 4	25	L20	
Pink	6	IN/OUT 5	26	L21	
Blue	7	IN/OUT 6	27	L22	
Red	8	IN/OUT 7	28	L23	
Black	9	+L	30+40	L	
Violet	10	-N	29+39	N	

Color coding acc. to DIN VDE 47100 Cable 4; Channel 24-31		Interface connector 2			
		WAGO 231 connector (JB)		PLC connector	
Pin number	Wiring	Pin number	Signal		
White	11	IN/OUT 8	27	L24	
Brown	12	IN/OUT 9	28	L25	
Green	13	IN/OUT 10	29	L26	
Yellow	14	IN/OUT 11	30	L27	
Grey	15	IN/OUT 12	31	L28	
Pink	16	IN/OUT 13	32	L29	
Blue	17	IN/OUT 14	33	L30	
Red	18	IN/OUT 15	34	L31	
Black	19	nc	nc	nc	
Violet	20	nc	nc	nc	

Data 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.

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; for higher voltages
Operating voltage	≤ AC/DC 250 V
Current per wire (max.)	0.75 A

Compatibility

Schneider

Schneider Modicon Quantum	140 DAI 340 00
	140 DAI 353 00
	140 DAI 440 00
	140 DAI 453 00
	140 DAI 540 00
	140 DAI 543 00
	140 DAI 553 00
	140 DAI 740 00
	140 DAI 753 00
	140 DAO 840 00
	140 DAO 840 10
	140 DRA 840 00

Connection data

Cable type	LIYY
Color code	per DIN VDE 47100

Connection 1

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

Connection 2

Connector 2	WAGO 231 Series
Pole number 2	10
Connection type 2	System

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



Connection 3

Connector 3	WAGO 231 Series
Pole number 3	10
Connection type 3	System

Connection 4

Connector 4	WAGO 231 Series
Pole number 4	10
Connection type 4	System

Connection 5

Connector 5	Schneider 140XTS00200
Pole number 5	40
Connection type 5	System

Physical data

Cable length	1 m
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Material Data

Weight	704 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	4055143980197
Customs tariff number	85444290900

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Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

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 706-3140/300-100

URL

Download

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Installation Notes

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