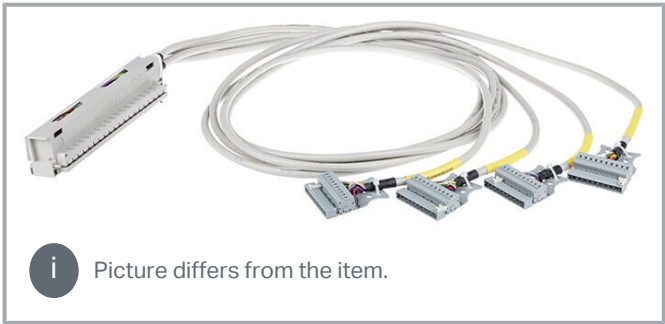


Data sheet | Item number: 706-3140/300-100
System cable; for Schneider Modicon Quantum; 2 x 16 digital inputs or
outputs for higher voltages; Length: 1 m; Conductor cross-section: 0.34 mm²
www.wago.com/706-3140/300-100



Interface connector 1			
WAGO 231 connector (JA)		PLC connector	
Pin number	Wiring	Pin number	Signal
White	1 IN/OUT0.0	1	L0
Brown	2 IN/OUT0.1	2	L1
Green	3 IN/OUT0.2	3	L2
Yellow	4 IN/OUT0.3	4	L3
Grey	5 IN/OUT0.4	5	L4
Pink	6 IN/OUT0.5	6	L5
Blue	7 IN/OUT0.6	7	L6
Red	8 IN/OUT0.7	8	L7
Black	9 +/L	10+20	L
Violet	10 -/N	9+19	nc

Interface connector 1			
WAGO 231 connector (JB)		PLC connector	
Pin number	Wiring	Pin number	Signal
White	11 IN/OUT1.0	11	L8
Brown	12 IN/OUT1.1	12	L9
Green	13 IN/OUT1.2	13	L10
Yellow	14 IN/OUT1.3	14	L11
Grey	15 IN/OUT1.4	15	L12
Pink	16 IN/OUT1.5	16	L13
Blue	17 IN/OUT1.6	17	L14
Red	18 IN/OUT1.7	18	L15
Black	19 nc	nc	nc
Violet	20 nc	nc	nc

Interface connector 2			
WAGO 231 connector (JA)		PLC connector	
Pin number	Wiring	Pin number	Signal
White	1 IN/OUT0.0	21	L16
Brown	2 IN/OUT0.1	22	L17
Green	3 IN/OUT0.2	23	L18
Yellow	4 IN/OUT0.3	24	L19
Grey	5 IN/OUT0.4	25	L20
Pink	6 IN/OUT0.5	26	L21
Blue	7 IN/OUT0.6	27	L22
Red	8 IN/OUT0.7	28	L23
Black	9 +/L	30+40	L
Violet	10 -/N	29+39	N

Interface connector 2			
WAGO 231 connector (JB)		PLC connector	
Pin number	Wiring	Pin number	Signal
White	11 IN/OUT1.0	27	L24
Brown	12 IN/OUT1.1	28	L25
Green	13 IN/OUT1.2	29	L26
Yellow	14 IN/OUT1.3	30	L27
Grey	15 IN/OUT1.4	31	L28
Pink	16 IN/OUT1.5	32	L29
Blue	17 IN/OUT1.6	33	L30
Red	18 IN/OUT1.7	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
ECCN	NO DATA
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

This guide will help you select the appropriate interface modules and system cables for the controller you are using.

pdf
545.9 kB

[Download](#)

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 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

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Installation Notes

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