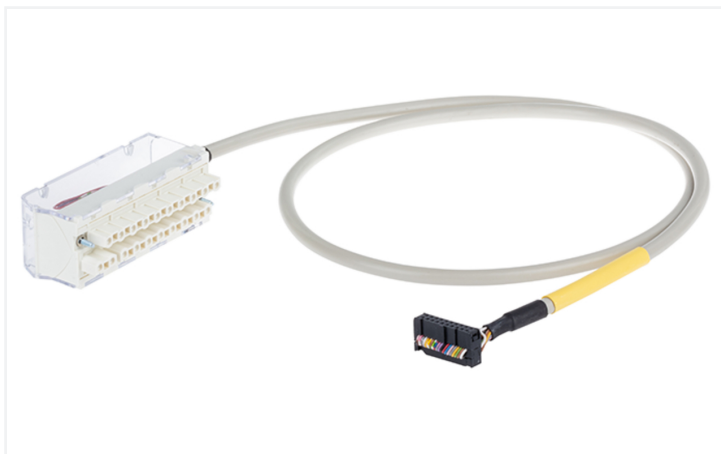


Data Sheet | Item Number: 706-3140/302-300

System cable; for Schneider Modicon Quantum; 16 digital inputs and 8 digital outputs; Length: 3 m; Conductor cross-section: 0.14 mm²

<https://www.wago.com/706-3140/302-300>



Color coding acc. to DIN VDE 47100 Cable 1; Channel 0-15		20 pole flat connector	Pin number	Pin number	PLC connector	Signal
White		1	IN0.0	21	DI=0.0	
Brown		2	IN0.1	22	DI=0.1	
Green		3	IN0.2	23	DI=0.2	
Yellow		4	IN0.3	24	DI=0.3	
Grey		5	IN0.4	25	DI=0.4	
Pink		6	IN0.5	26	DI=0.5	
Blue		7	IN0.6	27	DI=0.6	
Red		8	IN0.7	28	DI=0.7	
Black		9	IN1.0	31	DI=1.0	
Violet		10	IN1.1	32	DI=1.1	
Grey-Pink		11	IN1.2	33	DI=1.2	
Red-Blue		12	IN1.3	34	DI=1.3	
White-Green		13	IN1.4	35	DI=1.4	
Brown-Green		14	IN1.5	36	DI=1.5	
White-White		15	IN1.6	37	DI=1.6	
White-Orange		16	IN1.7	38	DI=1.7	
White-Gray		17	nc	nc	nc	
Grey-Brown		18	0V	20	M	
White-Pink		19	nc	nc	nc	
Dark-Brown		20	0V	20	M	

Color coding acc. to DIN VDE 47100 Cable 2; Channel 0-7		10 pole flat connector	Pin number	Pin number	PLC connector	Signal
White		1	OUT0.0	1	DO=0.0	
Brown		2	OUT0.1	3	DO=0.1	
Green		3	OUT0.2	5	DO=0.2	
Yellow		4	OUT0.3	7	DO=0.3	
Grey		5	OUT0.4	11	DO=0.4	
Pink		6	OUT0.5	13	DO=0.5	
Blue		7	OUT0.6	15	DO=0.6	
Red		8	OUT0.7	17	DO=0.7	
Black		9	+5V	10+10	US	
Violet		10	0V	8+18	M1	

Similar to illustration

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 and 8 digital outputs
Operating voltage	≤ 35 VAC/VDC
Current per wire (max.)	1 A

Compatibility

Schneider

Schneider Modicon Quantum 140 DDM 390 00

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	10
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

Connection 3

Connector	Schneider 140XTS00200
Pole number	40
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	4055143046114

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
706-3140/302-300



Documentation

System Description

WAGO System Wiring,
Selection Guide

pdf
533.15 KB

