



TJA670

IP20

Domovea basic

Technical properties

Functions

Function	suitable for commissioning with the Easy tool ; suitable for commissioning with the ETS software
Function	converting

Configuration

Category / ports	2 RJ45 Ports for LAN connection
Number of modules	6

Controls and indicators

Control	Simple sequences (if...then) in Client
Manual selection switches / push-buttons	Selection switch for online/offline mode
Button / push-button	with programming button and red programming LED

Connectivity

Ethernet data rate	max. 2 x 100/1000 Mbit/s
Connectors / jacks	with 2 USB jacks type B, USB 2.0 compliant
Encoding	management of 4 configurable user profiles

Voltage

Auxiliary voltage	24 V DC
Power over Ethernet (PoE)	48 V DC
Operating voltage	24 V DC
Operating voltage	21.6 ... 33 V= or 48 V= Power over Ethernet PoE according to IEEE802.3
Operating voltage over bus	21...32 V DC
Voltage	Power supply via PoE or 24 V DC

Electric current

Current consumption (operation)	0.5 A
Bus current consumption (data transfer)	max. 10 mA
Number of entry circuits	0
Making current	max. 650 mA

Dimensions

Width of rail mounted device (RMD)	6 modules
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Network configuration

Network	Integration of 5 IP-cameras
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Power supply

Materials

RAL colour	RAL 7035 - Light grey
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LED control

LED	with green and red status LED for LAN status, operational stand-by, KNX status and gateway connection
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Installation, mounting

Installation mode	for installation in distribution box
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Connection

Conductor cross-section (flexible)	0.75...2.5 mm ²
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Conductor cross-section (rigid)	0.75...2.5 mm ²
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Bus coupling unit	with integral bus coupling unit
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Type of connection	with QuickConnect plug-in terminals
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Bus connection	bus connection via connecting terminal
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Connection	with two RJ45 jacks
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Settings

Supported configuration modes	easy, system
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Scope of delivery

Bus connection included	Yes
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Equipment

Number of outputs	0
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Visualization	Yes
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Web-Server	Yes
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Software

Update	Software update and downloads via USB interfaces on the device
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Software	with integrated domovea basic ; Integration of IoT applications (Amazon Echo, Sonos, Phillips Hue, Netatmo Weather Station, Google Home, IFTTT) possible
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Safety

Degree of contamination	2
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Protection class	isol.class II
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REACH conform	No
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RoHS conform	Yes
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Halogen free	No
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Protection	increased safety management
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Use conditions

Operating temperature	-5...45 °C
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Altitude	< 2000 m
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Storage/transport temperature	-20...70 °C
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Identification

Main design line

KNX

Instructions

Information text

Network technology skills are required for
commissioning. System requirements: Windows 7,
Android 6, ios 11.