



TYA628A

IP20

Shutter module 8x 6A /230V~, KNX

Technical characteristics

Architecture

Bus system	KNX
Number of blinds/shutters outputs	8
Fixing mode	REG

Functions

Bus module detachable	No
Multi-phase mode	suitable to switch different external conductors

Configuration

Number of modules	6
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Controls and indicators

Indicator lamp	yes
Manual selection switches / push-buttons	8 manual operation buttons for up/down per channel/device

Main electrical features

Type of supply voltage	AC
Frequency	50/60 Hz
Rated current	6 A

Voltage

Auxiliary voltage	230...240 V AC
Operating voltage over bus	21...32 V DC
System supply voltage	30V DC via bus

Electric current

Bus current consumption (data transfer)	15.5 mA
Bus current consumption (idle)	9 mA
Number of entry circuits	0
Maximum switching current	6 A
Switching current at $\cos \varphi = 0.6$	max. 6 A

Dimensions

Depth	65 mm
Width of rail mounted device (RMD)	6 modules
Height	90 mm

Power

Contact rating with 230 V in AC1	1380 W
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Materials

Colour	light grey
RAL colour	RAL 7035 - Light grey

Connection

Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (flexible), without wire end sleeve	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
Number of contacts	8
Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal

Settings

Supported configuration modes	system
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Scope of delivery

Bus connection included	Yes
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Equipment

Modular expandability	No
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Safety

Protection index IP	IP20
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Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C

Identification

Main design line	KNX
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