



TYA606E



Output 6 -fold 16A C-Load adapted with current monitoring

Technical properties

Architecture

Bus system KNX

Functions

Multi-phase mode suitable to switch different external conductors
 Function with operating hours meter
 Switching for switching, e.g. of 6 independent loads

Configuration

Number of modules 6

Controls and indicators

Indicator lamp yes
 Operation manual operation can be activated via 2-level selection switch, thereby deactivation of the KNX function
 Indication / display status LED integrated in the manual operation button
 Button / push-button with illuminated programming button

Main electrical features

Rated operational voltage Ue 230 V
 Frequency 50/60 Hz
 Rated current 16 A

Voltage

Max. switching capacity at 230 V AC
 Operating voltage over bus 21...32 V DC
 Output voltage 230 V~
 System supply voltage 30V DC via bus

Electric current

Bus current consumption (data transfer) 6 mA
 Bus current consumption (idle) 5 mA
 Number of entry circuits 0
 Maximum through current 16 A
 Rated current 16 A
 Switching current at $\cos \varphi = 0.8$ max. 16 A

Dimensions

Width of rail mounted device (RMD) 6 modules

Power

Max. power with electronic transfo.	1380 W
Total power loss under IN	6 W
Output power	2300 W
Max. switching power	9775 W
Conventional transformers	1600 VA
Electronic transformers	1380 W

Lighting control

Fluorescent lamps with electronical ballast (EB)	25 x 18 W
- uncompensated	800 W

Fluorescent bulbs control

Energy-saving lamps	25 x 18 W
Power lighting fluo lamps	25x18W
Max. power fluo. duo lamp comp. series	25x18W

LED control

230 V retrofit LED lamps	200 W
Power LED	216 W
LED	Status LED integrated in manual operation button

Incandescent bulbs control

Max. power with incandescent lamps	2300 W
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
230 V incandescent lamps and halogen lamps	2300 W

Connection

Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Type of load	C-Load
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
Type of contacts	6NO
Bus coupling unit	with integral bus coupling unit
Type of connection	with plug-in terminals
Bus connection	bus connection via connecting terminal
Type of connection	quick connect

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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Use

Differentiation characteristic 3 - Sales

with plug-in terminals

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

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

Identification

Main design line	KNX
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