



TYA606E



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

### Technical characteristics

#### Architecture

Bus system	KNX
Fixing mode	REG

#### Functions

Multi-phase mode	suitable to switch different external conductors
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#### Configuration

Number of modules	6
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#### Controls and indicators

Indicator lamp	yes
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#### Main electrical features

Rated operational voltage $U_e$	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
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
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#### 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

**Materials**

Colour	light grey
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**Lighting control**

Fluorescent lamps with electronical ballast (EB)	25 x 18 W
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**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

**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**

Conductor cross-section (flexible)	0.75...2.5 mm <sup>2</sup>
Conductor cross-section (rigid)	0.75...2.5 mm <sup>2</sup>
Bus coupling unit	with integral bus coupling unit
Type of connection	with plug-in terminals
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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