



TYA606E



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

Technical properties

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 ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
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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