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

Configuration

Number of modules	6

Controls and indicators

Indicator lamp	yes

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
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 φ = 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

Subject to technical modifications

Materials

Colour	light grey

Lighting control

Fluorescent lamps with electronical ballast (EB)	25 x 18 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

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 mm²
Conductor cross-section (rigid)	0.75...2.5 mm²
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

Scope of delivery

Bus connection included	Yes

Equipment

Modular expandability	No

Safety

Protection index IP	IP20
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

Subject to technical modifications