



## OUTPUT 16 -FOLD 16A C-LOAD ADAPTED

TYM616D

### Architecture

Bus system	yes
Fixing mode	REG

### Functions

- suitable to switch different external conductors
- with positioning function for blind and lamella position
- with safety functions e.g. for wind, rain, alarm
- with sun shade function
- any combined operation from drive and switching functions possible
- for switching, e.g. of 16 independent loads or activation of 8 drives

### Controls and indicators

Indicator lamp	yes
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- Manual operation can be activated via selection switch, thereby deactivation of the KNX function
- manual operation per channel using button (single-area operation)
- with illuminated programming button
- status LED integrated in the manual operation button
- manual operation buttons for on/off (up/down) and bus function on/off per channel/device

### Main electrical features

Rated current	16 A
Rated operational voltage Ue	230 V

### Voltage

Operating voltage over bus	21 32 V DC
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### Electric current

Bus current consumption (idle)	~ 3 mA
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#### Power

Total power loss under IN	1,3 W
Conventional transformers	1500 VA
Electronic transformers	1500 W

#### Materials

Colour	light grey
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#### Dimensions

Depth	65 mm
Height	90 mm
Width of rail mounted device (RMD)	8 modules

#### Lighting control

Fluorescent lamps with electronical ballast (EB)	20 x 36 W
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#### Fluorescent bulbs control

Energy-saving lamps	25 x 18 W
Max. power fluo. duo lamp comp. series	27 X 36W
Fluorescent lamps parallel compensated	1000 W / 130 µF

#### LED control

Lighting power LED lamps	450 W
230V LED lamps	25 x 18 W

- Status LED integrated in manual operation button

#### Incandescent bulbs control

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

#### Connection

Conductor cross-section (flexible)	0,5 4 mm <sup>2</sup>
Conductor cross-section (rigid)	0,5 6 mm <sup>2</sup>
Connection cross-sect. rigid cable	0,5 / 6mm <sup>2</sup>
Connection cross-sect. flexible conductor	0,5 / 4mm <sup>2</sup>
Type of load	C-Load
Type of connection	with screw
Type of contacts	16F

- with integral bus coupling unit
- with QuickConnect plug-in terminals
- bus connection via connecting terminal

#### Settings

- switching time on change of direction adjustable

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**Equipment**

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- with potential-free NO contacts as well as NC contact parameterisable

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**Use**

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- with screw-in lift terminals

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**Safety**

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Protection index IP	IP20
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**Use conditions**

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

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**Identification**

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Device family	TYM
Main design line	KNX

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