



TYMS620D



Output module 20-fold 16a c-load adapted

Technical properties

Architecture

Bus system yes

Functions

Multi-phase mode suitable to switch different external conductors

Function with positioning function for blind and lamella position ; with safety functions e.g. for wind, rain, alarm ; with sun shade function

Switching for switching, e.g. of 20 independent loads or activation of 10 drives

Operating mode any combined operation from drive and switching functions possible

Configuration

Number of modules 8

Controls and indicators

Indicator lamp yes

Operation Manual operation can be activated via selection switch, thereby deactivation of the KNX function ; manual operation per channel using button (single-area operation)

Indication / display status LED integrated in the manual operation button

Manual selection switches / push-buttons manual operation buttons for on/off (up/down) and bus function on/off per channel/device

Button / push-button with illuminated programming button

Main electrical features

Rated operational voltage Ue 230 V

Rated current 16 A

Voltage

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) 5 mA

Bus current consumption (idle) 3 mA

Number of entry circuits 0

Rated current 16 A

Dimensions

Depth	65 mm
Width of rail mounted device (RMD)	10 modules
Height	90 mm
Power	
Max. power with electronic transfo.	1500 W
Total power loss under IN	1.3 W
Output power	2300 W
Max. switching power	28750 W
Conventional transformers	max. 1500 VA
Electronic transformers	1500 W
Lighting control	
Fluorescent lamps with electronical ballast (EB)	max. 20 x 36 W
- uncompensated	1200 VA
Fluorescent bulbs control	
Energy-saving lamps	25 x 18 W
Power lighting fluo lamps	25x18W
Max. power fluo. duo lamp comp. series	27 X 36W
Fluorescent lamps parallel compensated	1000 W /130 µF
LED control	
Max number of LED/CFL lamps	25
230V LED lamps	25 x 18 W
Power LED	450 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	0,5 / 4mm ²
Connection cross-sect. rigid cable	0,5 / 6mm ²
Type of load	C-Load
Conductor cross-section (flexible)	0.5...4 mm ²
Conductor cross-section (rigid)	0.5...6 mm ²
Type of contacts	20F
Bus coupling unit	with integral bus coupling unit
Type of connection	with QuickConnect plug-in terminals
Bus connection	bus connection via connecting terminal
Type of connection	quick connect
Settings	
Supported configuration modes	system

Subject to technical modifications

Scope of delivery

Bus connection included	Yes
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Equipment

Modular expandability	No
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Potential-free	with potential-free NO contacts as well as NC contact parameterisable
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Use

Differentiation characteristic 3 - Sales	with screw-in lift terminals
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Safety

REACH conform	No
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RoHS conform	Yes
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Halogen free	No
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Use conditions

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

Device family	TYM
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Main design line	KNX
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