



TYBS602F

Output module 2x 6A /230V~, flush mounted, KNX

Technical properties

Architecture

Bus system	yes
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Functions

Multi-phase mode	for 1 phase operation
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Function	with positioning function for blind and lamella position ; with safety functions e.g. for wind, rain, alarm ; with sun shade function
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Configuration

Number of modules	0
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Controls and indicators

Indicator lamp	yes
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Operation	manual operation in test mode via programming button (single-area operation) ; test mode/building site mode can be activated via programming button
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Control	for activation of a drive for alternating current
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Button / push-button	with illuminated programming button
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Main electrical features

Rated operational voltage U _e	230 V
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Rated current	6 A
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Voltage

Max. switching capacity at	230 V AC
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Operating voltage over bus	21...32 V DC
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Output voltage	230 V AC
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System supply voltage	30V DC via bus
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Electric current

Bus current consumption (data transfer)	7 mA
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Bus current consumption (idle)	5 mA
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Number of entry circuits	0
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Maximum through current	6 A
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Rated current	6 A
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Switching current at cos ϕ = 0.8	max. 6 A
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Withstand current in AC1 for the contact path or zone 1	6 A
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Dimensions

Height of installed product	44 mm
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Dimensions (LLxwxh)	44 x 43 x 22 mm
Width of rail mounted device (RMD)	0 modules
Height	44 mm
Power	
Max. power with electronic transfo.	500 W
Total power loss under IN	0.5 W
Output power	500 W
Max. switching power	1200 W
Conventional transformers	500 VA
Electronic transformers	500 W
Lighting control	
Fluorescent lamps with electronical ballast (EB)	6 x 48 W
- uncompensated	500 VA
Fluorescent bulbs control	
Power lighting fluo lamps	5 x 13W
Max. power fluo. duo lamp comp. series	6 x 48W
LED control	
Max number of LED/CFL lamps	5
230V LED lamps	5 x 13 W
Power LED	65 W
Incandescent bulbs control	
Max. power with incandescent lamps	500 W
230 V incandescent lamps and halogen lamps	500 W
Connection	
Connection cross-sect. flexible conductor	0,75 / 2,5mm ²
Connection cross-sect. rigid cable	0,75 / 2.5mm ²
Conductor cross-section (flexible)	0.75...2.5 mm ²
Conductor cross-section (rigid)	0.75...2.5 mm ²
Number of contacts	2
Type of contacts	1NO
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via pre-assembled cable with bus connection terminal
Type of connection	with screw
Settings	
Supported configuration modes	system
Setting	switching time on change of direction adjustable
Scope of delivery	
Bus connection included	Yes

Equipment	
Modular expandability	No
Use	
Differentiation characteristic 3 - Sales	with screw terminals
Safety	
Halogen free	No
Use conditions	
Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C
Identification	
Device family	TYB
Main design line	KNX