



75316017



Switch actuator 6gang with current measuring RMD with plug-in terminals, KNX, light grey

Technical features

Architecture

Bus system	KNX
Fixing mode	REG

Functions

Operating mode	Current detection with output of measured values cyclically or if a change occurs
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- suitable to switch different external conductors
- with operating hours meter
- for switching, e.g. of 6 independent loads

Controls and indicators

Indicator lamp	yes
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- manual operation can be activated via 2-level selection switch, thereby deactivation of the KNX function
- status LED integrated in the manual operation button
- with illuminated programming button

Connectivity

Bus system radio frequent	no
Bus system LON	no
Bus system Powernet	no

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
Output voltage	230 V~
System supply voltage	30V DC via bus

Electric current

Bus current consumption (data transfer)	6 mA
Bus current consumption (idle)	5 mA
Switching current at $\cos \varphi = 0.8$	max. 16 A

Power

Max. power with electronic transfo.	1380 W
Total power loss under IN	6 W
Max. switching power	2300 W
Conventional transformers	1600 VA
Electronic transformers	1380 W

Measurement

Measurement tolerance	< 2%
Measurement range of the current (Min, Max)	0,05 / 16 A

Materials

Colour independent of design lines	light grey
Colour	light grey

Dimensions

Depth	65 mm
Width of rail mounted device (RMD)	6 modules
Height	90 mm
Width	105 mm

Lighting control

Fluorescent lamps with electrical ballast (EB)	25 x 18 W
- uncompensated	800 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
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	0,75 / 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
Type of contacts	6NO
Type of connection	quick connect
<ul style="list-style-type: none"> - with integral bus coupling unit - with plug-in terminals - 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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- with potential-free NO contacts as well as NC contact parameterisable

Use

Differentiation characteristic 3 - Sales	with plug-in terminals
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Safety

Protection index IP	IP20
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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

Main design line	KNX
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