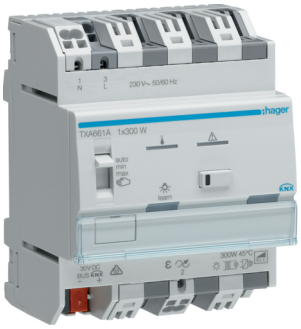

TXA661A

IP20

DIMMER 1 CHANNEL 300W NE

Technical properties

Architecture

Bus system	KNX

Functions

Multi-phase mode	suitable to switch different external conductors
Function	Learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
Soft startup	bulb-preserving soft startup

Configuration

Number of modules	4

Controls and indicators

Indicator lamp	yes
Operation	manual operation also possible without bus, e.g. on building site ; Manual operation can be activated via selection switch, thereby deactivation of the KNX function ; Manual operation per channel via button with integrated status LED, thereby lockout of KNX function
Indication / display	status LED integrated in the manual operation button
Manual selection switches / push-buttons	selection switch for manual/bus operation as well as load setting
Button / push-button	with illuminated programming button

Main electrical features

Frequency	50/60 Hz
Rated current	4 mA

Voltage

Auxiliary voltage	230 V AC
Input voltage	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)	< 2.3 mA

Fuse

Fuse	short-circuit and overload proof (electronic fuse) ; short-circuit proof and overload proof (display using LEDs) ; overheating protection (display using LEDs)

Dimensions

Width of rail mounted device (RMD)	4 modules

Power

Dimmable conventional transformers	300 VA
Incandescent bulb power	300 W
Total power loss under IN	320 mW
Power dissipation per coil	180 mW
Power of the variator	300 W
Electronic transformers	300 W

Fluorescent bulbs control

Quantity energy-saving lamps	per channel max. 8
Dimmable energy-saving lamps	60 W
Power lighting fluo lamps	60W

LED control

Quantity of dimmable, 230 V retrofit LED lamps	per channel max. 8
Max number of LED/CFL lamps	8
Dimmable LED lamps	60 W
Power LED	60 W
LED	Status LED integrated in manual operation button ; Overheating protection, display using LEDs ; Overload protection, display via LED

Incandescent bulbs control

230 V incandescent lamps and halogen lamps	300 W

Connection

Connection cross-sect. flexible conductor	0,5 / 2,5mm²
Connection cross-sect. rigid cable	0,75 / 2.5mm²
Type of load	universal
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 QuickConnect plug-in terminals
Bus connection	bus connection via connecting terminal
Type of connection	quick connect

Settings

Supported configuration modes	easy, system
Parameterisation	preset behaviour in the event of bus voltage failure/return

Scope of delivery

Bus connection included	Yes

Equipment

Number of outputs	1
Type of dimmer	dimming actuator

Substation input	No
Power boost suitable	No
Modular expandability	No
Dimming principle	phase cut-on or cut-off according to load type, self-learning ; minimum/maximum dimming values per channel settable on device
low noise	very low noise

Use

Local operation/hand operation	Yes

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No
Protection	with overheating, overload and short-circuit protection

Use conditions

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

Identification

Main design line	KNX