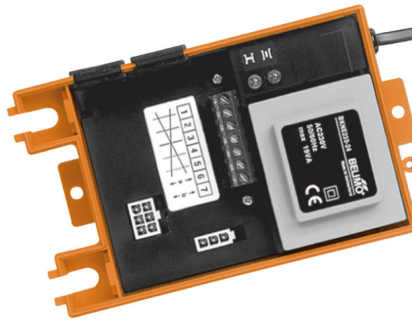


Communication and power supply unit for smoke control dampers

- Nominal voltage AC 230 V
- Monitoring of smoke control dampers in combination with the communication and control unit BKSE24-6



Technical data

Electrical data	Nominal voltage	AC 230 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 198...264 V
	Power consumption in operation	10 W
	Power consumption in operation note	incl. actuator
	Power consumption for wire sizing	19 VA
	Power consumption for wire sizing note	incl. actuator
	Connection supply	Cable 1 m, 2 x 0.75 mm ² / halogen-free
	Connection plug	Actuator supply: 3-pole plug Auxiliary switch: 6-pole plug
Safety data	Protection class IEC/EN	II, reinforced insulation
	Degree of protection IEC/EN	IP40
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Type of action	Type 1
	Pollution degree	2
	Ambient temperature	-30...50°C [-22...122°F]
	Storage temperature	-40...80°C [-40...176°F]
	Servicing	maintenance-free
Weight	Weight	0.68 kg

Safety notes



- The device must not be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with during installation.
- The device does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and must not be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Product features

- Operating mode** The BKNE230-24 is a decentralised power supply unit for the BE24-ST, BLE24-ST, BEE24-ST or BEN24-ST smoke control damper actuators. It serves as a communication interface between the smoke control damper actuator and the BKSE24-6 communication and control unit.

Product features

- Communication** The BKNE230-24 transmits the damper position OPEN/CLOSED and fault messages to the BKSE24-6. It receives the commands from the control unit BKSE24-6 and controls the actuator to the desired position. The last control command is retained even in the event of a temporary power failure. The command CLOSE is stored in the memory at the factory.
- Signalling** There are two LEDs in the device which indicate the function status.
- Monitoring** The BKNE230-24 monitors the position of the actuator, the running time and the data exchange with the BKSE24-6.
- Connection** To simplify connection, the smoke control damper actuators BE24-ST, BLE24-ST, BEE24-ST and BEN24-ST are equipped with connector plugs which are connected directly to the BKNE230-24.
- The 2-wire cable a/b to the BKSE24-6 is connected to terminals 6 and 7 (screw terminals for 2 x 1.5 mm² wire). Terminals 1 and 5 may not be assigned.

Accessories

Electrical accessories	Description	Type
	Communication and control unit for smoke control dampers	BKSE24-6

Electrical installation



Caution: Power supply voltage!

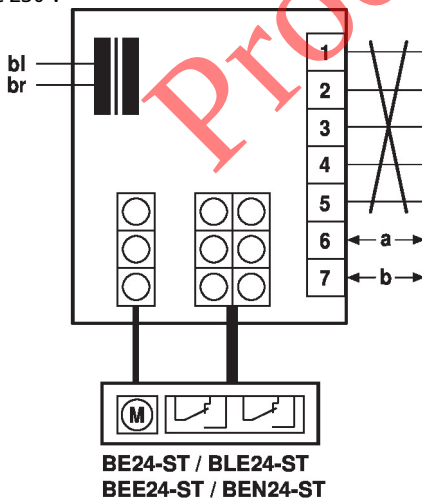
Wire colours:

bl = blue

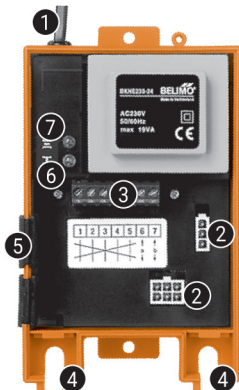
br = brown

Wiring diagrams

AC 230 V



Operating controls and indicators



- ❶ Power supply AC 230 V
- ❷ Plug connections for smoke control actuator 24 V
- ❸ Terminal block 7-pole
- ❹ Cable blushing for smoke control actuator
- ❺ Cable blushing for 2-wire cable a/b
- ❻ LED display green: damper CLOSED
- ❼ LED display yellow: damper OPEN

LED displays

green ❻	yellow ❼	Meaning / function
Off	Flashing	Damper moves OPEN
Off	On	Damper OPEN
Flashing	Off	Damper moves CLOSED
On	Off	Damper CLOSED
Flashing	Flashing	One of LED flashing at double frequency: Fault
Off	Off	Power failure

Dimensions

