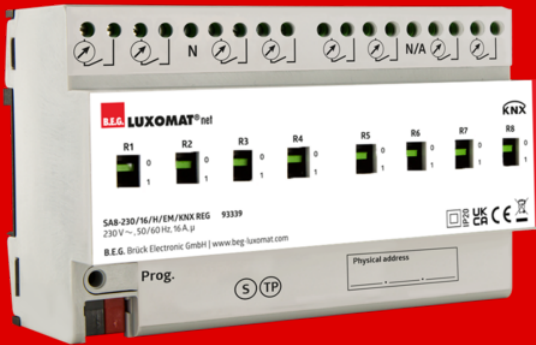


# B.E.G. LUXOMAT<sup>®</sup> net



## SA8 - 230 / 16 / H / EM / KNX REG

Prod.No. 93339 EAN: 4007529933396

Switching actuator for switching loads

Transformer-based current measurement ( $\pm$  10mA)

True effective value measurement (current)

### Order data

Designation	Colour	Art.No
SA8 - 230 / 16 / H / EM / KNX REG	grey	93339

## Technical data

Voltage:	via KNX BUS
Dimensions:	90 x 144 x 64 mm (8 TE)
Typ. power input:	5 mA typical 20 mA max.
Power consumption:	0.15 W
Degree / class of protection:	IP20 / Class II
Ambient temperature:	-5 °C to +45 °C
Material color:	grey
KNX TP 256:	Yes
Connections and wires:	0.2 ... 4.0 mm <sup>2</sup> rigid
	0.25 ... 2.5 mm <sup>2</sup> fine-wired (with or without ferrule), USB

### Channel 1 to channel 4 or 8

Switching power:	3680 W, $\cos \varphi = 1$ max. inrush current $I_p$ (150 $\mu$ s) = 600 A
Type of contact (k):	$\mu$ -contacts, dry NO contact, (if N is connected, channel 1 is no longer potential- free and is used to determine the phase position)
Outputs:	90139= 4 switching outputs 93339= 8 switching outputs

Current measurement  
Effective value  
measurement  
Measuring range: 10  
mA ... 20 A AC (no DC)  
Accuracy at AC sine  
typ.: 3% of actual  
current  $\pm$  20 mA  
Frequency: 50/60 Hz

### Active power measurement

Optionally without  
recognition of the  
phase state between  
current and voltage or  
with recognition of the  
phase state (input via  
ETS).  
Measuring range: 2 W  
... 4600 W AC (no DC)  
Accuracy at AC sine  
typ.: 5 % of the current  
power value  $\pm$  5 W  
Frequency: 50/60 Hz

## Product information

Switching actuator for switching loads

DIN-rail mount device, width 72 mm (4TE, SA4 - 230 / 16 /) or 144 mm (8 TE, SA8 - 230 / 16 /) for mounting on a DIN-rail (TH35 EN 60715) for installation in a switch cabinet

Transformer-based current measurement ( $\pm$  10mA)

True effective value measurement (current)

Voltage-synchronous active power measurement

The device has four (SA4 - 230 / 16 /) or eight (SA8 - 230 / 16 /) independent potential-free NO contacts

The switching contacts are optimised for capacitive loads

Manual switches for switching without bus tension

The switching actuator is powered by the KNX bus, no additional power supply required

Connection of the outputs is realised by means of screw terminals

The voltage is assumed to be sinusoidal. For the channels 2 ... 4, the phase shift can be adjusted via ETS when using different phase conductors (three-phase alternating current).

