

KNX - KNX switch actuators

SA 230 / 16 / H / EM / KNX REG



grey , Art.-Nr.: 90139

grey , Art.-Nr.: 93339

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 ($\pm 10\text{mA}$)
- True effective value measurement (current)
- Voltage-synchronous active power measurement
- The device has four (SA4 - 230 / 16 /) or eight (SA8 - 230 / 16 /) independant 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).

Technical Data

Voltage:	via KNX BUS
Dimensions:	93339= 90 x 144 x 64 mm (8 TE) 90139= 90 x 72 x 64 mm (4 TE)
typ. power input:	5 mA typical 20 mA max.
Power consumption:	0,15 W

Degree / class of protection: 93339= IP20 / Class II
90139= IP20 / Class II

Ambient temperature: -5 °C to +45 °C

KNX TP 256: Yes

Connections and wires: 0,2 ... 4,0 mm² rigid
0,25 ... 2,5 mm² fine-wired (with or without ferrule), USB

Channel 1 to channel 4 or 8

Switching power: 3680 W, cos φ = 1
max. inrush current I_p (150 μs) = 600 A

Type of contact: μ-contacts, dry NO contact, (if N is connected, channel 1 is no longer potential-free and is used to determine the phase position)

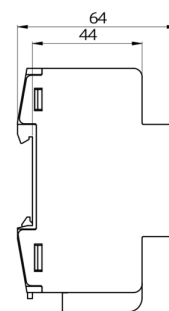
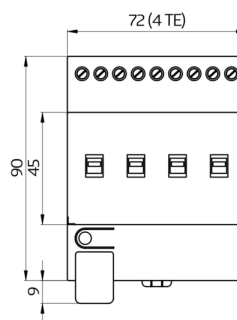
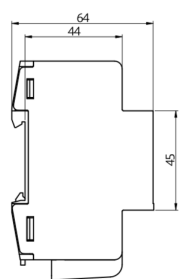
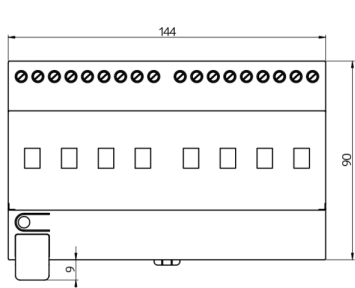
Outputs: 90139= 4 switching outputs
93339= 8 switching outputs

Current measurement

Active power measurement

Description

Description	Colour	Part number	EAN number
SA4 - 230 / 16 / H / EM / KNX REG	grey	90139	4007529901395
SA8 - 230 / 16 / H / EM / KNX REG	grey	93339	4007529933396



Dimensions 93339

Dimensions 90139

