

KNX - KNX switch actuators

SA 230 / 16 / H / EM / KNX REG



grey , Part No. 90139

grey , Part No. 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).

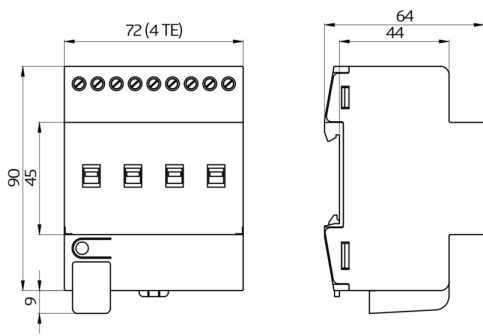
Technical Data

Voltage:	via KNX BUS
Dimensions:	93339= (8 TE) 90 x 144 x 64 mm 90139= (4 TE) 90 x 72 x 64 mm
typ. power input:	5 mA typical 20 mA max.
Power consumption:	0.15 W

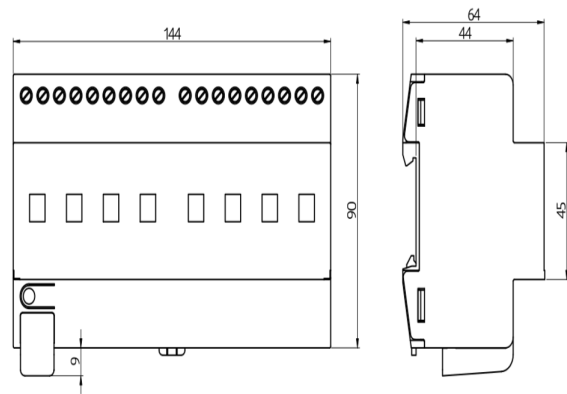
Degree / class of protection:	93339= IP20 / Class II 90139= IP20 / Class II
Ambient temperature:	-5 °C to +45 °C
KNX TP 256:	Yes
Connections and wires:	0.2 ... 4.0 mm ² rigid 0.25 ... 2.5 mm ² fine-wired (with or without ferrule), USB
Channel 1 to channel 4 or 8	
Switching power:	3680 W, cos ϕ = 1 max. inrush current I_p (150 μ s) = 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	
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	

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 90139



Dimensions 93339