	Datasheet	Doc.Ref : SAE-416P_DS
	SAE-416P Switch Actuator Extension 4x16A with active power measurement	Revision : 1.00
		Page : 1 of 3

SAE-416P

Switch Actuator Extension 4x16A with active power measurement Datasheet

1. DESCRIPTION

The Universal KNX Actuator System is a fully modular actuator system where extension modules can be plugged-in to extend the number of channels as needed. Up to 72 channels can be combined for switching, shutter or blind, heating, dimming, analog 0-10V or LED drivers with various size and power.

Up to 8 extension modules can be added to the master actuator. Depending on the extension type, you are able to drive **up to 72 outputs** with the actuator system using a **single KNX interface**.

The SAE-416P extension module has 4 channels (A to D) to drive 230 V AC electrical loads up to 16A. Each channel can be configured as a switching actuator or a shutter actuator. The active power consumed by each channel is measured individually.

Extension modules are mounted on the right side of the master actuator, on the same DIN-rail using the provided side connector.


In ETS, select the following extension type:

Switch Actuator 4-fold with power sensor

See MSA-810 User Manual for detailed features of each channel for this type of extension.

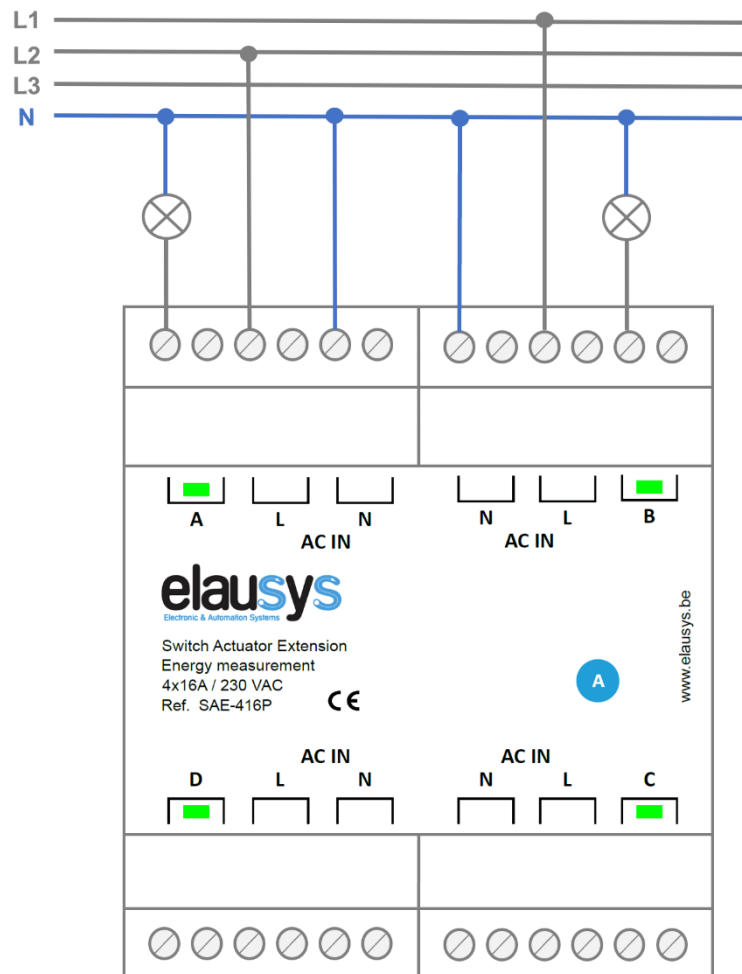
© ELAUSYS SPRL


This document cannot be reproduced fully or partially without written authorization

	Datasheet	Doc.Ref : SAE-416P_DS
	SAE-416P	Revision : 1.00
	Switch Actuator Extension 4x16A with active power measurement	Page : 2 of 3

2. CONNECTION

Each connection to the relay output has two terminals that allows to connect two loads directly on the same output without having to group wires in a single terminal. The main voltage phase and neutral must be connected for each channel. See below an example for two loads.



	Datasheet	Doc.Ref : SAE-416P_DS
	SAE-416P Switch Actuator Extension 4x16A with active power measurement	Revision : 1.00
		Page : 3 of 3

3. TECHNICAL DATA

DESCRIPTION	VALUES
Power supply	Internally from master actuator
Operating temperature	0 to + 45°C
Enclosure	IP20
Dimensions (Space Units)	4SU
Switching outputs	4
Output rated voltage	230 VAC
Rated resistive load	16 A
Output life expectancy (mechanical)	5.000.000
Max. total current of the actuator	32A
Screw terminal section	2,5mm ²
Torque screw terminal	0,5Nm
Max. extension modules	8
Max. number of channels	72
Available application software	ETS4 (limited functions) / ETS5 (full functions)