

SCU-1

FAEN

ACCESSORIES

SCU-1

SUPPLY CONTROL UNIT

PASSION

EXPERIENCE

RELIABLE CONSTRUCTIONS





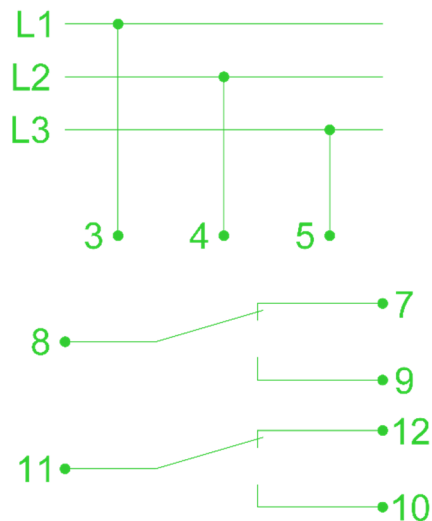
SPECIFICATION

- Control of the presence and asymmetry of power supply to each phase;
- No need of the neutral wire connection;
- Unambiguous LED indication of the correctness or failure of the supply voltage;
- Power supply in the range of 380-440 VAC directly from the supervised circuit;
- DIN TS/TH35 rail mounting;
- Potential-free relay contacts 2x NO/NC;
- Possibility of controlling two independent signaling circuits;
- Narrow mounting dimension (30 mm wide);
- Low power consumption;
- A solution tailored to the needs of industrial power generation;
- Ideal replacement for exploited devices (identical terminal designations).

TECHNICAL DATA

No.	Parameter	Value
1.	Rated voltage / supervised voltage	3x400 [VAC]
2.	Power consumption	<1,5 [VA]
3.	Auxiliary contacts	2x NO/NC
4.	Load capacity of relay contacts	8 [A] / 230 [VAC], AC1
5.	Operating temperature range	-20 ÷ +50 [°C]
6.	Degree of protection of the housing	IP 20
7.	Screw terminals	2,5 [mm ²]
8.	External dimensions	30x85x80 [mm]
9.	Weight	120 [g]
10.	Certificate	CE

WIRING DIAGRAM



DESCRIPTION OF OPERATIONS

SCU-1 is an electronic device for continuous monitoring of supply voltage. The device is installed on a mounting rail. Connection to the controlled network and control circuits is made by screw terminals. The system is powered from a 3x400 VAC three-wire network, which is also a supervised system. During normal operation, relay contacts and a green LED indicate the correctness of power supply parameters. In case of loss of at least one of the phases, the contacts of the built-in relay are switched and the red LED signals the incorrect operating conditions. Also in the case of a complete loss of supply voltage, the relay contacts are in the position of signaling failure.



NOTES

CONTACT

Fabryka Aparatów Elektrycznych i Napędów Sp. z o.o.

Email: biuro@faen.com.pl

Phone: +48 59 725 56 52

Address: Dworcowa 6K, 84-351 Nowa Wieś Lęborska, Poland