VP-4
Power Load Lock

Your situation

You operate several resistance welding machines and other consumers with short-term large electricity requirements in a supply network. It happens again and again that your supply network is overloaded and breaks down briefly. The result is shutdown and fluctuating quality.

Your requirements

You are looking for a network load interlocking system with which you can synchronize the switching of your loads so that there are no overload peaks. You want to be able to assign different priorities to the individual consumers. If locking is necessary, the waiting time of the registered machine should only be limited to the required power time. The system must be expandable if necessary.

Unsere Antwort:

The locking processor VP-4 is a device for power network load control and monitoring. A load and a ranking are assigned to each consumer. The VP-4 controls the load requirement of the consumer in such a way that the available power is used optimally. Only as many consumers as the limit allowed are released at a time. High-priority consumers go through. Four consumers can be coordinated with one VP-4 module. The system can be expanded up to 4 modules, i. H. 16 consumers.

Technical specifications

Function:	Locking of 4 consumers (4 locking channels). Can be expanded to up to 16 locking channels with additional modules Prioritization via toggle switch Power requirement adjustable per consumer 0-100%
Display:	One LED per channel for the request and release signal LED bar display for the current total load
Inputs:	4 x request signal 24-42V DC. 4 x ready signal e.g. pressure contact
Outputs:	4 x enable signal 24V high
Power supply:	230V / 50Hz, +/- 10%
Dimensions (WxHxD):	100 x 75 x 110 mm (rail mounting) Control cabinet housing on request

HIE SCHWEISS-SYSTEME GmbH, Zunftstrasse 12, D-21244 Buchholz/Nordh.
Tel.: +49 (0) 4181/9335-0, E-Mail: info@hie-gmbh.de, Internet: www.hie-gmbh.de