



24V loading module for ELKA-barriers

Barrier operation in case of power failure for series PARKING, TOLL and INDUSTRIAL - series S

In the case of a power failure, the loading module switches automatically from grid operation to battery operation and ensures an uninterrupted operation for several hours with a large number of cycles. The loading module consists of a complete installation kit with charging electronics, power failure detection, circuit breaker, cable set and battery mount.

Highlights

- ✓ Uninterrupted barrier operation in case of a power failure
- ✓ Power supply of the barrier and the accessories, e. g. boom lighting
- ✓ Deep discharge protection:
In case of fall short of minimum voltage the system switches off
- ✓ Overcharge protection:
The system switches to the trickle charging when the maximum voltage is reached
- ✓ Simple installation

Technical data

Operating voltage	24Vdc
Ampacity	15A (limited via circuit breaker)
Charging end voltage	28,5V (with temperature compensation)
Charging current	Limited to 70mA
Ambient temperature range	-20°C to +50°C

Battery packs (not included in delivery)

Battery type	Lead-acid battery, 12V, maintenance-free, with 4.8mm flat plug
Dimensions (LxWxH)	97 x 43 x 59mm (suitable for ELKA battery mount)*

*Batteries with larger dimensions require an on-site battery mount.



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