

WMS 300 0500

Synchronization module



Application

The synchronization module is to be used for synchro operation of two 24 VDC spindle actuators fitted to very large and/or heavy roof windows/light dome. The module ensures that position and speed continuously is matched and thereby having the actuators running synchronized at all time.

Control with micro controller technology with synchronous run monitoring, integrated safety/load switch off and actuator diagnosis.

The synchronization module is to be used together with two spindle actuators type WMS 515i.

Specifications

- connection terminals up to max. 2.5mm
- control with micro controller technology
- comprehensive fault diagnosis by LEDs
- integrated short circuit fine wire fuse
- integrated motor monitoring (jumper activated)
- synchronization of up to two spindle actuators WMS 515i

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Technical specifications	
Power consumption	24 VDC (+40% / -10%) (max 25% ripple)
Switch on duration	ED 40% (4min. per 10min)
Open circuit current	< 50mA
Actuator current	max. 4A per actuator
Operating conditions	-5°C - +74°C, max. 90% relative humidity (not condensing)
Material	plastic
Colour	grey
Dimension	160 x 160 x 90mm (W x H x D)
IP rating	IP54 according to DIN 60529
Integrated short circuit fuse	T8A
Number of connected actuators	max. 2
Control deviation "actuator to actuator"	max. $\pm 2.5\%$ of the length of the actuator be a load distribution of: max. load to max load – 40%
Automatic load switch off (actuator current)	manufacture settings (determined by actuator type) reduced to 70% in the close direction
Actuator connection	max. 3m (5 x 1.0mm ²)
Note	we reserve the right to make technical changes

Item	Item no.
Synchronization module for WMS 515i (one module per two actuators)	WMS 300 0500