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S450H

Hydraulic 24V operator
for swing-leaf gates

FAAC
Simply automatic.

THE POWER OF HYDRAULICS AND THE HIGHEST SAFETY WITH A QUICK AND EASY INSTALLATION

- Condominium/residential and light commercial application, suitable for leaves up to 14 ft. (4.3 meters)
- High closing/opening speed (1 in./s) (2.5 cm/s)
- Very accurate anti-crushing and inversion on obstacles functions thanks to the integrated encoder
- Flexible and easy to install thanks to the multi-position adjustable brackets and the long stroke (12 1/4 in.) (311 mm)
- Gate speed and force can be adjusted through the electronic control board
- New SB system (no hydraulic locking version) with tri-drive valves (FAAC patented): easier manual leaf movement
- Integrated opening/closing mechanical stops included in the operator



E024U 24V BOARD



FEATURES:

- UL991 safety standard compliant
- Powerful and efficient Switching Power Supply
- Easy programming with trimmers and dip switches
- One pushbutton automatic self learning
- Self resetting fuses
- Stand By mode for efficient power use
- Built in battery backup

SPECIFICATIONS:

| | |
|------------------------|--------------------|
| AC input ratings: | 115V - 60Hz - 2.5A |
| Stand By Power: | 4W |
| Motor Output Current: | 7A each |
| Accessory Power: | 24 Vdc - 500 mA |
| Operating Temperature: | -4 °F - + 131 °F |

AVAILABLE MODELS

| Part Number | Description |
|-------------|-------------------------|
| 104100 | S450H CBAC 24V Operator |
| 104101 | S450H SB 24V Operator |



Suits a wide range of installations thanks to the multi-position adjustable brackets.



The encoder, integrated on the rear attachment, allows to perfectly control the operator in any position. Moreover, it ensures a very high accuracy in obstacle detection and a quick inversion, according to the UL safety requirements.



The Hybrid technology perfectly combines the advantages of both hydraulic and 24V technologies. This means robustness, high performances, reliability, speed control and anti-crushing safety (inversion on obstacles).

DIMENSIONS AND TECHNICAL CHARACTERISTICS S450H

| | | | |
|---------------------|-------------------------|----------------------------------|---|
| Input Voltage | 24 Vdc | Type and frequency of use | Continuous duty |
| Nominal Power | 70 W | Operating ambient temperature | -40°F ÷ +131°F (-40°C ÷ +55°C) |
| Current | 7 A | Weight | 23 lbs. (10,8 Kg) |
| Max Thrust Force | 1,124 lbf | Dimensions (LxDxH) in mm | 44 x 3 3/8 x 4 3/4 in. (1113x85x119 mm) |
| Rod stroke | 12 1/4 in. (311 mm) | Protection class | IP55 |
| Rod extension speed | 1 in./sec (2.5 cm/sec) | Opening/closing mechanical stops | YES |
| Leaf max. length | 14 ft. (4.3 meters) | | |
| Leaf max. weight | 1,100 lbs | | |