

## Swing Door Automation

**ACSW20** (EN16005:2002 compliant)



Intelligent, Heavy Duty, Electromechanical Swing Door Operator, particularly suited to heavy doors and high footfall areas, and suitable for all controlled environments.

### **Powerful Operation**

Thanks to the extremely powerful gear reducer which performs opening and contributes to closing (spring assisted), the ACSW20 is one of the highest performers in its market segment. When used in conjunction with a push-arm, the ACSW20 can automate a swing door up to 400Kg in weight and 1.6m wide (dependent on air pressure). The servo-assisted motor with spring guarantees a reliable closing movement against air pressure and crossing pressure, while the encoder offers perfect control of the movement. Thanks to its strong steel mechanical components, the ACSW20 has been tested up to 1,000,000 cycles to achieve its CE marking.

### **Intelligent Controls**

Operation on double doors is performed by the dynamic controls which offers many possibilities. The operator comes with a large number of operating modes, such as Push & Go, and Power Assist. These ensure that the ACSW20 will meet the various different needs of the controlled environment market. The addition of the optional battery kit will give safe operation of the door in the absence of any external power. It can be combined with an optional external LED which will give status of the door, and will speed up the diagnosis of any problems.

### **Cost Effective**

Due to the large number of accessories available including arm and shaft extensions, the ACSW20 can easily be configured to a wide range of applications, including Cleanroom, Healthcare, Laboratory, Food Preparation and Food manufacture, and Controlled environments.

Call us:

**1890 274 273**

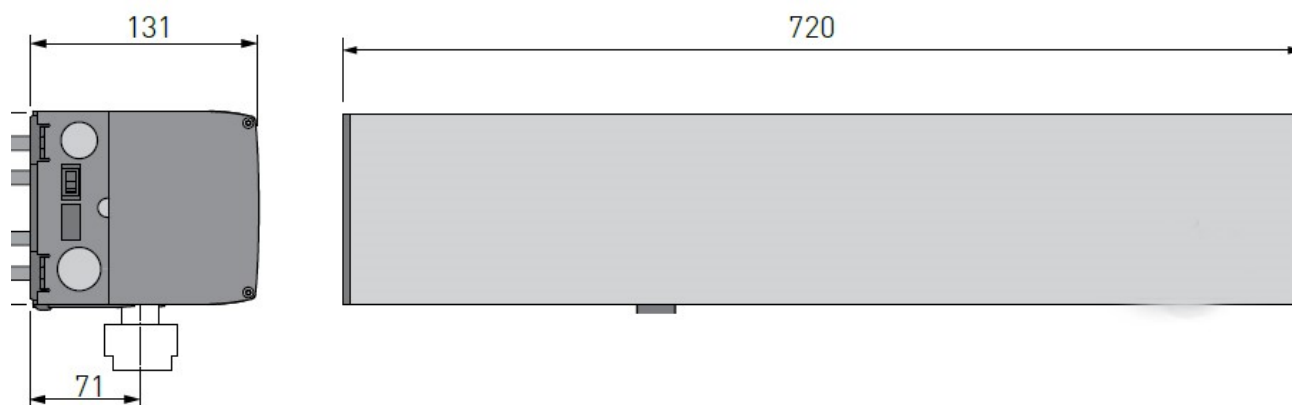
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# Swing / Sliding Automations



## Technical Specifications:

Power Supply:	100-240Vac, 50/60Hz
Power Consumption:	Max 300W
Auxiliary Voltage:	24Vdc (Max 700mA)
Maximum Door Weight:	400Kg
Lock Output (with lock output card):	12Vdc (Max 1200mA) 24Vdc (Max 600mA)
Door Opening Angle:	80° - 110° (adjustable)
Opening Time:	2.5—12 seconds (adjustable)
Closing Time:	4—12 seconds (adjustable)
Ambient Temperature:	-20° to + 45° C (-10° to + 50° C with batteries)
IP Rating:	IP20 (with standard canopy)
Humidity Rating:	85% non condensing

Operation: Motor Opening, spring and motor closing

Dimensions: Height - 111mm  
Depth - 131mm  
Length - 720mm



## Accessories

Security Extension Unit - Used if additional functions are required, such as electromechanical lock.

Safety Extension Unit – Used if door has safety sensors fitted.

Program Selector – Used to select the operational mode of the door (e.g. exit only, locked, automatic, etc). Can only be used by authorised personnel.

Battery Kit

External LED Alarm Signal Kit

Microswitch kit to power electromechanical lock in case of mains outage (recommended for fire-door applications)

Stainless Steel Canopy (Double or Single Width)

Contact us for more information