



# Kingspan | STG Compact Control Panel EasyConnect 20 A Data Sheet

Connectable, flexible, powerful control panel for SHEV and Ventilation



**Easy|Connect**

Daylighting Solutions  
Natural Ventilation Solutions  
Smoke Management Solutions  
Service & Maintenance  
Building Automation

# Application

24 V DC control panel for electromotive smoke extraction and daily ventilation.

Available types: Compact Control Panel 4A/M or Compact Control Panel 8A/M in metal housing.

Suitable for buildings with smoke and heat extraction requirements and/or natural ventilation requirements.

## Features & Benefits

- Current output of 20 A
- Two SHE groups (RG) and two ventilation groups (LG), can be used separately or connected together
- Two drive lines for 24 V DC drives, max. current output 16 A per drive line
- Two connection inputs for SHEV button (max. 10 per connection), smoke detector (up to 20 per connection), fire alarm system (FAS) and ventilation switches (up to 10 per connection)
- Further connection options for: Wind/rain detector, 3 configurable potential-free relay outputs (default: fault, trip, wind/rain signal), one separate voltage output 27 V DC / 4 A (10 s)
- Integrated 24 V DC power supply, emergency batteries and charging pack, parallel operation, 72 hours operational readiness during power cuts
- Line monitoring of the detector circuits (automatic detectors, SHE manual call points, FAS) and the connected drives, mains and battery monitoring
- Basic functions adjustable via DIP switches
- 6 displays on the front panel (operation, activation, fault, Bus, maintenance, 230 V)
- Status and error code display via internal 2 x 7-segment display

## Material

- Housing: plastic
- Colour: Grey

## Easy|Connect



Compact Control Panel EasyConnect 20 A

## Technical specifications

EasyConnect 20 A	
<b>Electrical properties</b>	
Primary energy supply	
Mains supply voltage	100 V - 240 V AC; 47 Hz - 63 Hz, ( $\pm 10\%$ ), separate fuse protection
System voltage	27 V DC (rated) ( $-25\%/+10\%$ )
Power consumption	560 W at 20 A current output
Power consumption (standby)	< 5 W
Connection terminal	Screw terminal max. 2,5 mm <sup>2</sup>
Fuse protection	F1, 10 A, safety fuse
Secondary energy supply	
Battery	7.2 Ah
Current output after 72 h in emergency power supply mode	20 A for 180 sec. (acc. to DIN EN 12101-10)
Output	
Voltage	27 V DC (rated), ( $-25\%/+10\%$ )
Power	P <sub>max</sub> = 540 W, P <sub>min</sub> = 0 W
Current (rated)	Drives: 16 A at DC 30, output with separate fuse protection; Magnetic clamps: max. 6 A at DC 100 (referring to 10 min)
Opening/closing action	Voltage polarity reversal
Autom. release	OPEN/CLOSE direction: after 3 min.
Circuit monitoring	via active motor monitoring module
Connection terminal	max. 6 mm <sup>2</sup> , screw terminal
Fuse protection	Drive fuse channel 1: F4, 15 A, FKS, drive fuse channel 2: F5, 15 A, FKS
<b>Mechanical properties</b>	
Dimensions (H x W x D)	300 x 400 x 132 mm
Weight	approx. 5.9 kg
<b>Installation and ambient conditions</b>	
Ambient temperature	-5 °C to +40 °C
Protection category	IP 44

## Order information

EasyConnect 20 A	
Item number	1338620006

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## Germany

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For the product offering in other markets please  
contact your local sales representative or visit  
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