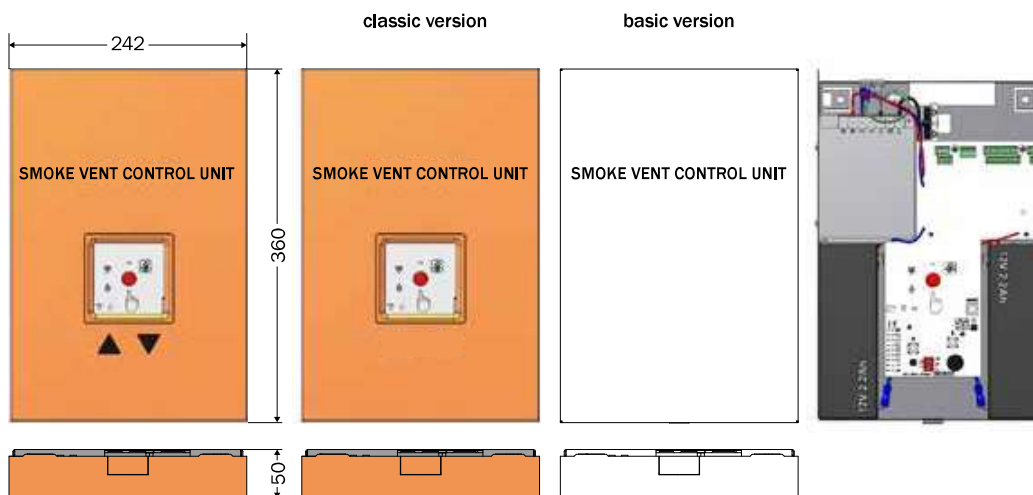


Order designation: **Smoke and heat ventilation control unit EN 24 V 2,5A-1-1 (classic / basic)**



Short description

The smoke and heat ventilation control unit acts as a control unit for direct current motors used for ventilation and smoke and heat ventilation for light domes, window strips and windows. The system is equipped with an emergency power supply, capable of providing emergency power for min. 72 hours in the event of a power failure. A break glass switch and a ventilation push button are integrated in the front of the housing (not in the basic version).

The following functions can be selected:

- ▶ 1 x smoke and heat ventilation trigger line
- ▶ 1 x ventilation group/motor lines
- ▶ developed in compliance with DIN prEN 12101 part 9
EN 12101-10:2005 + AC:2007
VdS 2593:2002-09; VdS 2581:2002-09
ISO 21927-9
- ▶ 72 hours of emergency power in the event of a power failure
- ▶ 2 programmable floating signal contacts
- ▶ monitored lines: power supply, battery, break glass switch, autom. detectors, FAS/FACP, motor line

Various programmable auxiliary functions:

- ▶ triggering of smoke and heat ventilation on fault
- ▶ function of vent button
- ▶ interconnection of 2 detectors
- ▶ ... and much more (see product documentation)

Technical data

Type	EN 24 V 2,5A-1-1 / classic	EN 24 V 2,5A-1-1 / basic
housing	steel sheet housing with spring closure colour: RAL 2011 (orange)/RAL 9016	RAL 9016 (traffic white)
protection class	IP 30	
temperature range	-5 °C to +40 °C (WHD Environmental class 1 according to EN 12101-10)	
rated voltage	230 V AC/50 Hz (-15 % / +10 %)	
rated capacity	90 W	
rated voltage of battery	24 V (+-15 %) (2 x 12 V DC)	
rated capacity of battery	2,2 Ah	
switching power motor line	max. 24 V / 2,5 A rated current (dependence on the running time of the motors)	
number of break glass switches	max. 10 pieces of it may only max. 5 pieces of buttons with acoustics (6A or 7A)	
number of automatic detectors	1 – 10 pieces smoke detector ECO 1003, heat detector ECO 1005T, 1004T	
output „OPEN“-display	24 V DC max. 50 mA	
terminals	2,5 mm ² (fine-wire), 4 mm ² (rigid)	
supply and motor output terminals	2,5 mm ²	
other terminals	1,5 mm ² (fine-wire), 2,5 mm ² (rigid)	
CE conformity	0786-CPR-50685	
signal relay	2 pieces potential-free changeover contacts switching capacity (60 V AC or 24 V DC / 0,5 A)	

Accessories

wind/rain sensor	→chapter 11.4, page 419, "Wind rain sensor WRF 501" Connecting piece for cable duct UP frame
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