

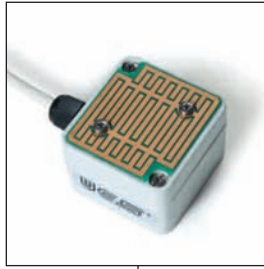
EFC CONTROL PANEL 10-20 A

Electric systems for smoke and heat extraction and for meteorological detection

TH Thermostat
part No. 40675K



RS Rain sensor
part No. 40450K



WS Wind detector
part No. 37185V



Optical smoke detector
part No. 36418Q



HE 075
Emergency push button
part No. 40564B



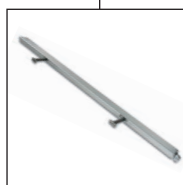
Acoustic alarm device
part No. 40892C



Ventilation push button
part No. 41013B



Quasar 24 Vdc



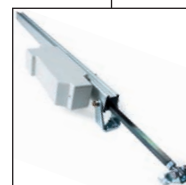
Twin Quasar
Twin Vega



Vega 24 Vdc



SuperMaster 24 Vdc



Rack 24 Vdc




Force



Ulysses

Our electric systems for smoke and heat extraction are extremely versatile: they allow the single window or more windows control or the smoke and heat extraction in case of fire, always enabling daily ventilation. A wide range of control panels, detectors, electric linear spindle or rack actuators, electric chain actuators and any other accessory is available for the system installation.

 The instructions for a safe installation are included in the section "SECURITY WARNINGS"



EFC CONTROL PANEL 10-20 A

EFC 10A CONTROL PANEL - PART NO. 40731R

EFC 20A CONTROL PANEL - PART NO. 40732S

The EFC control panel, provided with booster batteries, allows to control the windows opening or closing by 24 Vdc actuators. Opening and closing operation can be controlled as follows:

- emergency, controlled by smoke detectors or emergency push buttons.
- weather conditions, controlled by sensors as anemometer, thermostat and rain detector.

The control panel allows also the simultaneous manual control of the windows by specific push buttons. In the two different power sizes available, it is covered a very high number of actuators directly controlled by the control panel. The actuators are fed by batteries always connected to a battery charger. Control, alarm, or voltage supply failure of the EFC control panel are signalled by the emergency push button HE 075 part No. 40564B

This panel can be linked to Building Management Systems (BMS) for "free potential - normally closed" inputs.

VOLTAGE SUPPLY: 230 Vac

OUTPUT: 24 Vdc with polarity inversion

NOMINAL CURRENT: 10 A / 20 A models

(maximum current absorption of the connected actuators)

BATTERIES FOR EFC 10-20 A

PART NO. 40912W

Spare part for EFC 10-20 A control panel or for expansion module 20 A, formed by two pieces of 12 V, 7 Ah batteries.

EXPANSION MODULE 20 A

PART NO. 40786A

The expansion module, provided with booster batteries and controlled directly by the EFC control panel, allows to improve the number of actuators up to 20 A.



HE 075 EMERGENCY PUSH BUTTON

PART NO. 40564B

It's necessary to break the glass to operate it. Control signal through the green led. Alarm signal through the red led. Voltage supply failure through yellow led. Reset function.



ACOUSTIC ALARM DEVICE

PART NO. 40892C

Outward self-fed siren 24 V, stainless steel box with polycarbonate cover, sonorous power 115 dB, voltage supply 24 V - 2 A, battery 12 V, 2 Ah.

Dimensions: 236x280x99 mm



OPTICAL SMOKE DETECTOR

PART NO. 36418Q

Smoke detection by infrared light diffusion for Tyndall effect. It is certified according to the UNI EN 54 - 7/9 regulations. Alarm signal through the red led.

RESPONSE TIME 3 sec approx.

VOLTAGE SUPPLY 24 V (min. 10 V, max. 30 V)

TEMPERATURE RANGE -10° + 80° C

DEGREE OF HUMIDITY < 95%

MAX AIR SPEED 10 m/s

DETECTED SURFACE 40 m²

A frequent cleaning, especially in dusty environments, is recommended.

RAIN SENSOR (part No. 40450K), WIND SENSOR (part No. 37185V), THERMOSTAT (part No. 40675K) see page 51.