

BOXSMART

Control panel for a fan

BOXSMART II

Control panel with standby fan



The BOXSMART control panel includes:

- Variable frequency drive programmed at 50 Pa and highly accurate differential pressure probe.
- External connection for the control panel to be used exclusively by firefighters.
- Magnetic thermal switch.
- Status indicator lamp: Ready, Alarm, Fire and Run.
- Built-in control panel with TEST selector for maintenance and selector to be used exclusively by firefighters 0-AUTO-MANUAL.
- Operating procedures in safe mode in the case of failure of the differential pressure probe and automatic reset of the system in case of failure.
- Connection of status signals using free power contacts (FAULT, START and FIRE ACTIVATION) and connection to BMS systems via RTU Modbus for monitoring the equipment.
- Memory of the last activation state for greater security, resettable from the RESET selector on the control panel or by external signal.
- External connection for daily ventilation use through SI-CALENDAR accessory.

- Metal casing with lock with key and with IP66 protection.
- Capable of managing asynchronous motors, IPM or RM.
- Ready to operate and perform its function of pressure control.
- The power supply, the impulsion fan, the motorized dampers with smoke detector and the fire signal must be connected.
- Different input voltage ranges and power on demand.
- Integrated control of motorised dampers with smoke detector (Compatible with DAMPER BOX SMART).

Options:

- BOXSMART: control box for a fan.
- BOXSMART II: control panel with backup fan.

Order code

BOXSMART	—	1.1	—	230	—	M	—	T	—	1D
↓		↓		↓		↓		↓		↓
BOXSMART: Control panel for a fan BOXSMART II: Control panel with standby fan		Power (kW)		Input voltage		M: Single-phase input T: Three-phase input		M: Single-phase output T: Three-phase output		To control: 1D: 1 DAMPER BOX SMART 2D: 2 DAMPER BOX SMART

Technical characteristics and dimensions

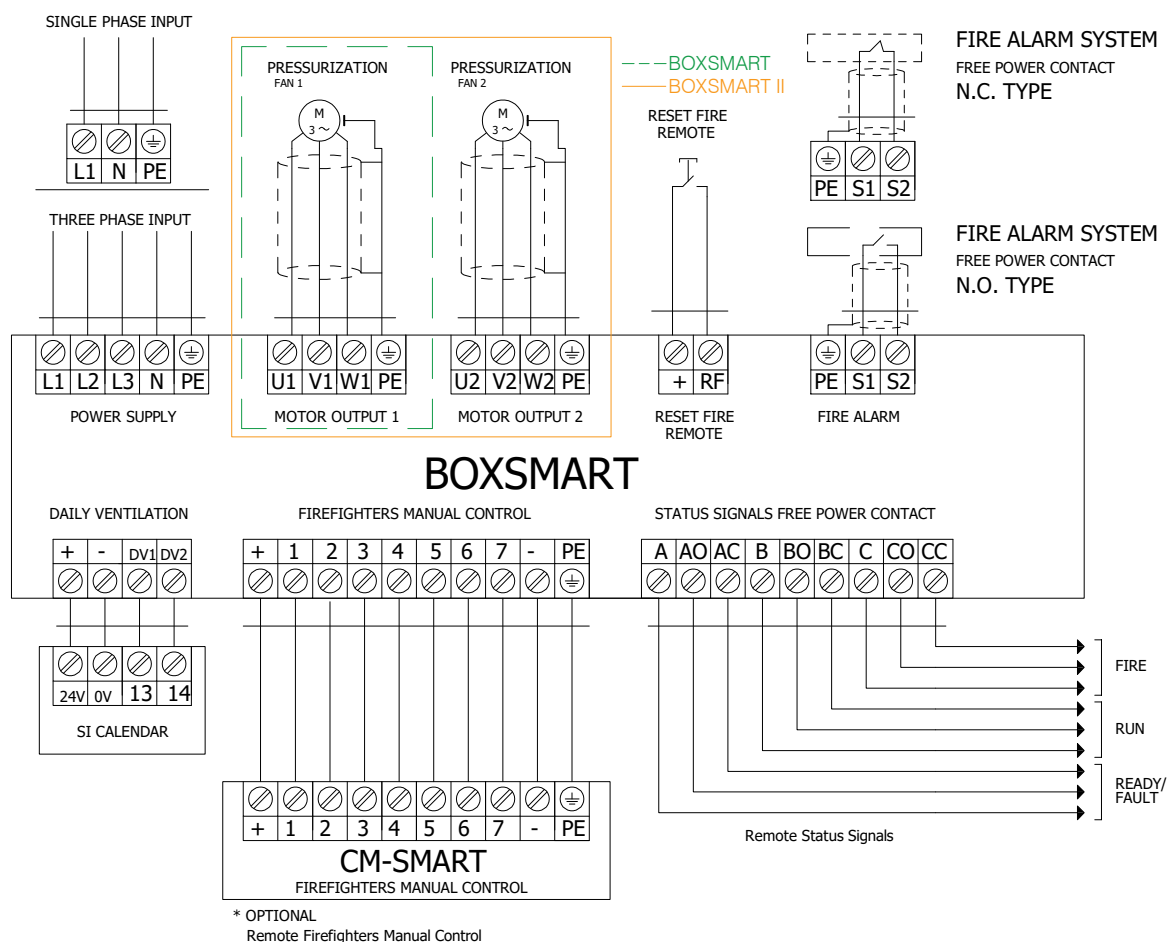
Model	Power	Power supply	Outlet	Max. Output current	Size	Measurements	Approx. weight
	(kW)	(V) (Hz)	(V)	(A)		(length x width x depth)	(Kg)
BOXSMART-0.37-230V 50/60Hz M-T-1D	0.37	200-240 V AC II 50/60Hz	230 V AC III	2.3	1	400x600x250	18
BOXSMART-0.75-230V 50/60Hz M-T-1D	0.75	200-240 V AC II 50/60Hz	230 V AC III	4.3	1	400x600x250	18
BOXSMART-1.5-230V 50/60Hz M-T-1D	1.50	200-240 V AC II 50/60Hz	230 V AC III	7.0	1	400x600x250	18
BOXSMART-0.75-400V 50/60Hz T-T-1D	0.75	380-400 V AC III 50/60Hz	400 V AC III	2.2	1	400x600x250	18
BOXSMART-1.5-400V 50/60Hz T-T-1D	1.50	380-400 V AC III 50/60Hz	400 V AC III	4.1	1	400x600x250	18
BOXSMART-2.2-400V 50/60Hz T-T-1D	2.20	380-400 V AC III 50/60Hz	400 V AC III	5.8	2	500x700x250	26
BOXSMART-4-400V 50/60Hz T-T-1D	4.00	380-400 V AC III 50/60Hz	400 V AC III	9.5	2	500x700x250	26
BOXSMART-5.5-400V 50/60Hz T-T-1D	5.50	380-400 V AC III 50/60Hz	400 V AC III	14.0	3	600x800x250	33

Technical characteristics and dimensions

Model	Power (kW)	Power supply (V) (Hz)	Outlet (V)	Max. Output current (A)	Size	Measurements (length x width x depth)	Approx. weight (Kg)
BOXSMART-7.5-400V 50/60Hz T-T-1D	7.50	380-400 V AC III 50/60Hz	400 V AC III	18.0	3	600x800x250	33
BOXSMART-11-400V 50/60Hz T-T-1D	11.00	380-400 V AC III 50/60Hz	400 V AC III	24.0	3	600x800x250	33
BOXSMART-0.37-230V 50/60Hz M-T-2D	0.37	200-240 V AC II 50/60Hz	230 V AC III	2.3	1	400x600x250	18
BOXSMART-0.75-230V 50/60Hz M-T-2D	0.75	200-240 V AC II 50/60Hz	230 V AC III	4.3	1	400x600x250	18
BOXSMART-1.5-230V 50/60Hz M-T-2D	1.50	200-240 V AC II 50/60Hz	230 V AC III	7.0	1	400x600x250	18
BOXSMART-0.75-400V 50/60Hz T-T-2D	0.75	380-400 V AC III 50/60Hz	400 V AC III	2.2	1	400x600x250	18
BOXSMART-1.5-400V 50/60Hz T-T-2D	1.50	380-400 V AC III 50/60Hz	400 V AC III	4.1	1	400x600x250	18
BOXSMART-2.2-400V 50/60Hz T-T-2D	2.20	380-400 V AC III 50/60Hz	400 V AC III	5.8	2	500x700x250	26
BOXSMART-4-400V 50/60Hz T-T-2D	4.00	380-400 V AC III 50/60Hz	400 V AC III	9.5	2	500x700x250	26
BOXSMART-5.5-400V 50/60Hz T-T-2D	5.50	380-400 V AC III 50/60Hz	400 V AC III	14.0	3	600x800x250	33
BOXSMART-7.5-400V 50/60Hz T-T-2D	7.50	380-400 V AC III 50/60Hz	400 V AC III	18.0	3	600x800x250	33
BOXSMART-11-400V 50/60Hz T-T-2D	11.00	380-400 V AC III 50/60Hz	400 V AC III	24.0	3	600x800x250	33

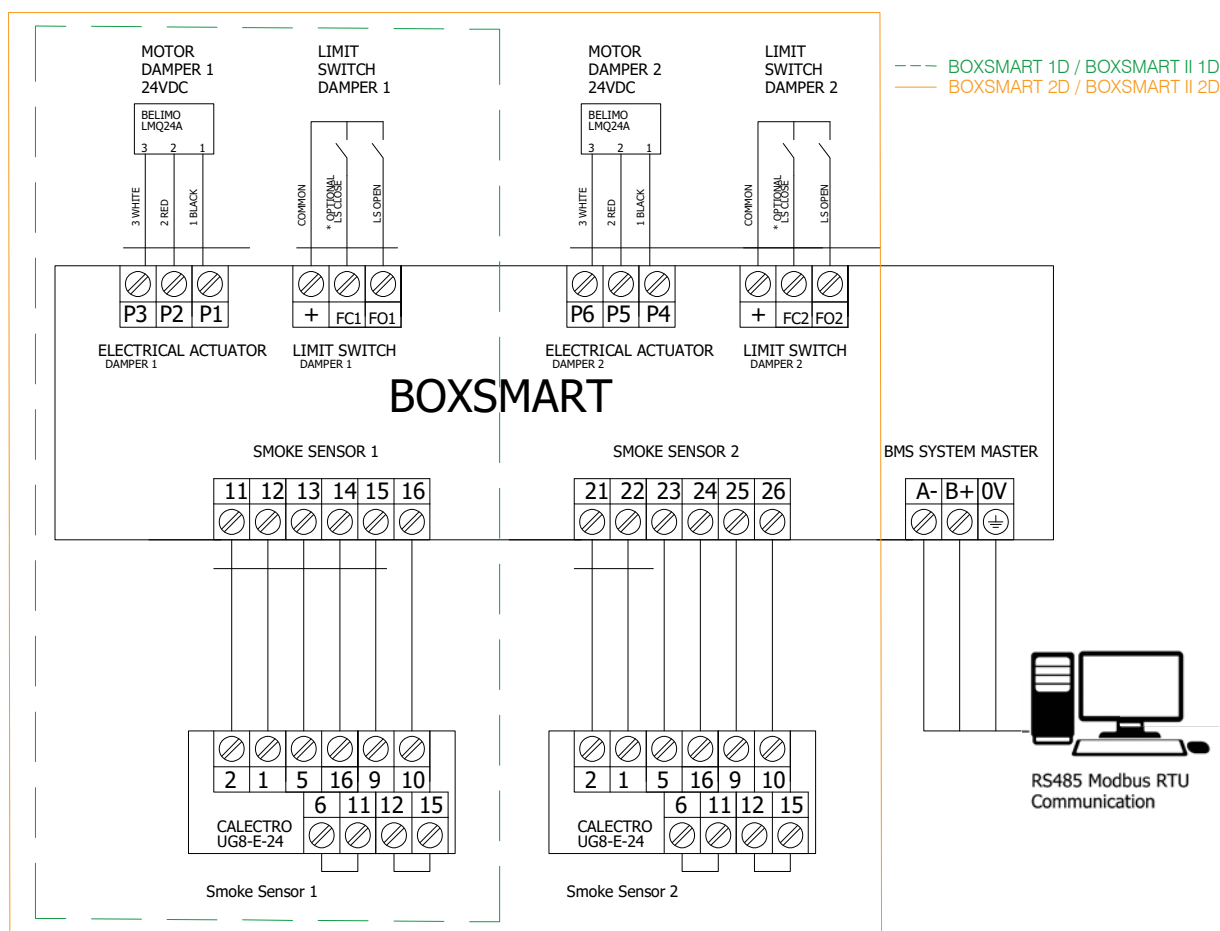
Connections

All connections are made at the top section of the panel.



Connections

All connections are made at the top section of the panel.



Accessories



CM-SMART



SI-CALENDAR



DAMPER BOX SMART