



Ultimate solution to control up to 128 motorized fire dampers to increase people and building protection

The monitoring system FICO-128 is designed for monitoring and testing motorized fire dampers. The system consists of an control unit FCLA as the main unit and a multibox FCBA. The multibox FCBA can control two fire dampers and it is installed close to the fire dampers.

The FCLA is installed in a suitable location and it can control 128 dampers with individual status indications. The fire dampers can be divided into groups with each of them including ventilation interlocking. The maximum number of groups is 10. The control unit has two internal relay units for the above function. If more groups are needed, not more than eight extra groups, a relay unit FCFA containing a relay is needed. This can be installed in any point of the control loop.

The control unit provides fire and service alarms and inputs for an external fire alarm. The unit is designed for wall mounting.

FICO-128 QUICK FACTS:

- Individual status for each fire dampers
- Smoke detectors could be connected to multibox
- Fire alarm input signal could be connected to control unit
- Function testing for fire dampers automatically or manually
- Fire dampers are connected via FCBA-2 Multibox to Control unit FCLA-128
- Multilink communication between multiboxes and control unit



FICO-2 controls 1-2 motorized fire dampers to increase people and building protection

The control system FICO-2 is designed to perform monitoring and testing operations of motorized fire dampers. The system is fitted to control one or two fire dampers and one or two smoke detectors. The system can also send an external fire alarm and an interlocking signal to ventilation.

The control unit incorporates fire and service alarms as well as inputs for external fire alarm and external interlocking. The unit is designed for wall mounting.

All relay outputs are potential free contacts that are indicated voltage free.

FICO-2 QUICK FACTS:

- Function testing for fire dampers automatically or manually
- Fire alarm when a detector has tripped
- Service alarm in case of damper or detector malfunction
- Relay contact for ventilation/fan interlocking
- Control connections for max. two dampers (24 VAC)
- Connections for max. two smoke detectors
- Fire alarm input signal could be connected to control unit

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CRITICAL AIR SOLUTIONS

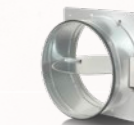
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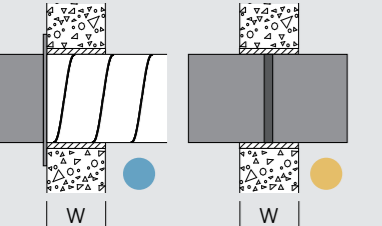
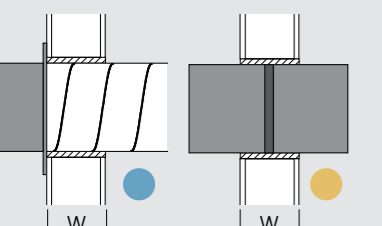
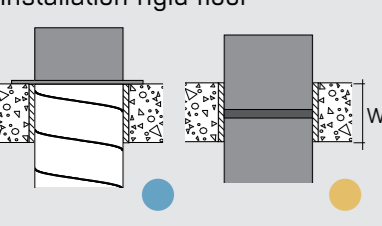
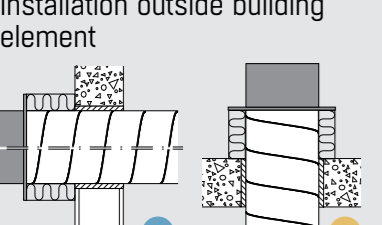
FIRE SAFETY 9785GB




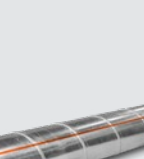
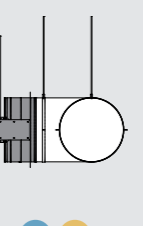
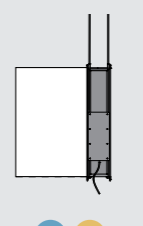
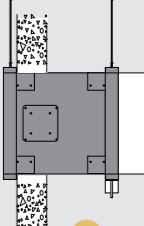
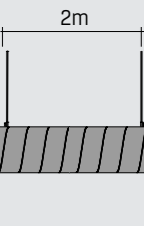
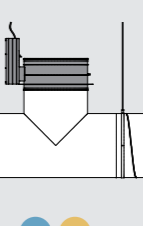
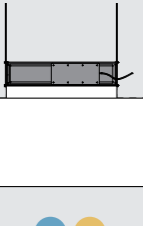
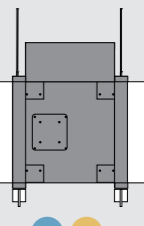
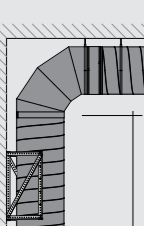
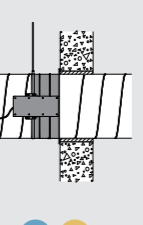
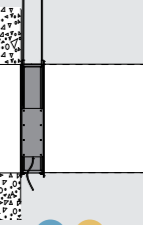
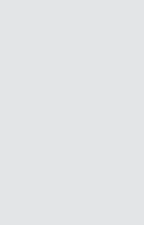
FIRE SAFETY

FIRE SAFETY SOLUTIONS

» PRODUCTS AND SOLUTIONS TO KEEP PEOPLE AND PROPERTY SAFE



FIRE DAMPERS model										
CE EN 15650	●	●	●	●	●	●	●	●	●	●
Dimensions (mm)	Ø100 – Ø200	Ø100 – Ø500	Ø100 – Ø500	Ø100 – Ø630	Ø100 – Ø1000	Ø100 – Ø630	Ø100 – Ø630	200x200 – 1200x1200	200x200 – 1500x800 (alt. 1000x1000)	200x200 – 1500x800 (alt. 1000x1000)
Installation rigid wall 	E 60 S E 120 S (W ≥ 100)	E 60 S E 90 (W ≥ 110)	E 60 S E 90 (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 100)	EI 60 S EI 90 S * EI 120 S * (W ≥ 100) * max size 800	EI 60 S (W ≥ 100)	EI 60 S (W ≥ 100)	E 60 S * E 120 S * (W ≥ 116) * max size 800x800	EI 60 S EI 90 S EI 120 S (W ≥ 100)	EI 60 S EI 90 S EI 120 S (W ≥ 100)
Installation flexible wall 	E 45 S E 60 (W ≥ 140)	E 60 S E 90 (W ≥ 116)	E 60 S E 90 (W ≥ 116)	EI 60 S (W ≥ 116) EI 90 S (W ≥ 126) EI 120 S (W ≥ 126)	EI 60 S (W ≥ 116) EI 90 S (W ≥ 126)* EI 120 S (W ≥ 126)* * max size 800	EI 60 S (W ≥ 116)	EI 60 S (W ≥ 116)	E 60 S * E 120 S * (W ≥ 116) * max size 800x800	EI 60 S (W ≥ 100) EI 90 S (W ≥ 100)	EI 60 S (W ≥ 100) EI 90 S (W ≥ 100)
Installation rigid floor 	E 120 (W ≥ 100)	E 60 S E 120 (W ≥ 110)	E 60 S E 120 (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 120)	EI 60 S EI 90 S EI 120 S (W ≥ 120*/140) * sizes 100-400	EI 60 S EI 90 S (W ≥ 120*/140) * sizes 100-400	EI 60 S EI 90 S (W ≥ 120*/140) * sizes 100-400	E 60 S E 120 S (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 115)	EI 60 S EI 90 S EI 120 S (W ≥ 115)
Installation outside building element 						EI 60 S	EI 60 S			

SMOKE CONTROL DAMPERS AND DUCTS model				
CE	●	●	●	●
Dimensions (mm)	Ø100 – Ø630	200x200 – 1200x1200	200x200 – 1600x1000	Ø100 – Ø100 cm
Fire classification	E 120 S	E 120	EI 120 S	E 120 S
Pressure class	1000 Pa	500 Pa	1000 Pa	1500 Pa
Installation examples with activation class ● MA = manually by fire fighter activated systems, 25 min open / close ● AA = automatically by a fire alarm activated systems	 ● MA ● AA	 ● MA ● AA	 ● MA ● AA	 2m
	 ● MA ● AA	 ● MA ● AA	 ● MA ● AA	 5m
	 ● MA ● AA	 ● MA ● AA	 ● MA ● AA	