

DECLARATION OF PERFORMANCE NR 003-05-CPR-2021

1. Unique identification code of the product type:

Fire dampers type mcr FID 240 with a fire resistance classification according EN 13501-3:2005
EI 240 (v_e i↔o) S

2. Intended use and scope of application of the product:

Fire dampers type mcr FID 240 are designed to be used in comfort (general) ventilation systems at places where these systems pass through space dividing elements of certain fire resistance class. The dampers are to prevent the spread of fire and smoke via ventilation systems.

3. Manufacturer:

„MERCOR” S.A., ul. Grzegorza z Sanoka 2, 80-408 Gdańsk, Production Site 48-593.

4. System of assessment and verification of constancy of performance of the product:

System 1.

5. Construction product covered by the harmonized standard:

PN-EN 15650:2010 (EN 15650:2010).

6. Notified body name and No., certificate of conformity No.:

Notified Body No. 1391, Pavous, a.s., Prosecka 412/74, 190 00 Praha 9 – Prosek, Czech Republic.
Certificate of Constancy of Performance: 1391-CPR-2021/0123.

7. Declared performance:

Essential characteristics	EN 15650	Performance	Result
Nominal activation conditions/sensitivity	4.2.1.2		Pass
Sensing element response temperature	4.2.1.2.2.	ISO 10294-4: 2001, pkt 4.2	
Sensing element load bearing capacity	4.2.1.2.3	ISO 10294-4: 2001, pkt 4.2	
Response time/ Closure time	4.2.2.2	<2 minutes	Pass
Operational reliability / Cycling	4.3.1. a)	C50	Pass
Fire resistance – integrity	4.1.1 a)	E240	Pass
Fire resistance – insulation	4.1.1 b)	I240	Pass
Fire resistance – smoke leakage	4.1.1 c)	S240	Pass
Mechanical stability (E class)	4.1.1 a)	-	Pass
Maintenance of the cross section (E class)	4.1.1 a)	-	Pass
Operation time durability:	4.2.1.2.2 4.2.1.2.3	-	Pass
Reliability:	4.3.3.2	10.000	Pass

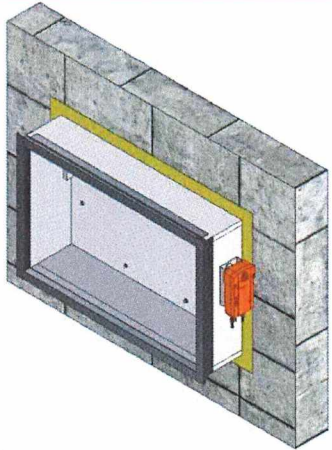
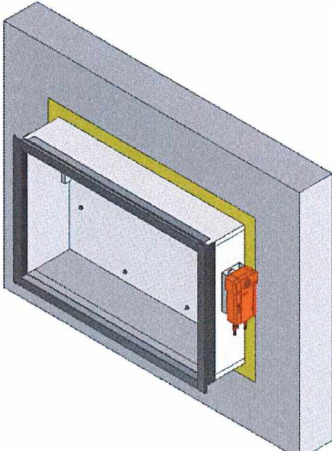
8. Additional properties:

Additional characteristics	EN 15650	Performance	Result
Fire resistance classification	4.3.2	EI 240 (v _e i↔o) S	Pass
Size range		rectangular damper dimensions to 1000x800 [mm]	

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Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

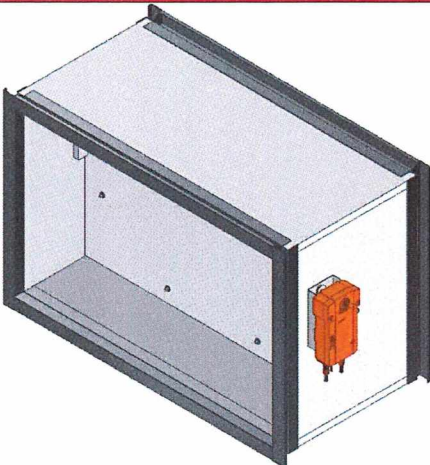
„MERCOR” S.A.
ul. Grzegorza z Sanoka 2, 80-408 GDAŃSK, Polska
tel. (+48 58) 341 42 45, fax (+48 58) 341 39 85
e-mail: mercor@mercor.com.pl
www.mercor.com.pl

Installation	Type of partition	Installation type	Partition thickness
	Solid walls/shafts made of concrete blocks, hollow masonry units	Using mineral wool	min. 150mm
	Solid walls/shafts made of concrete	Using mineral wool	min. 150mm

Mounting details included in the device's OMM. The damper assembly is possible with the release and control mechanisms given in the table below.

Systemy zabezpieczeń przeciwpożarowych
Fire protection systems

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ul. Grzegorza z Sanoka 2, 80-408 GDAŃSK, Polska
tel. (+48 58) 341 42 45, fax (+48 58) 341 39 85
e-mail: mercor@mercor.com.pl
www.mercor.com.pl

Release and control mechanisms	
	Comfort ventilation damper actuators supplied with 24V and 230V

The performance of the product identified above is in conformity with the set of declared performance/s (point 7). This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Gdańsk, 29.11.2022


Tomasz Kobyliński
KIEROWNIK ZAKŁADU PRODUKCJI
SYSTEMÓW WENTYLACJI POŻAROWEJ

Tomasz Kobyliński

Rev. 2

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