

DECLARATION OF PERFORMANCE

002-04-CPR-2017

- Unique identification code of the product type:
**Fire protection power supply device–
 control and power supply unit mcr OMEGA pro**
- Intended use and scope of application of the
**Devices for activating fire protection equipment used by fire protection units –
 fire protection equipment control panels and
 fire protection equipment power supplies**
- Manufacturer:
**MERCOR Light&Vent Sp. z o.o.
 Ul. Grzegorza z Sanoka 2
 80-408 Gdańsk**
- System of assessment and verification of constancy of performance of the product:
System 1
- Notified body name and No., certificate of conformity No.:
 Notified body No. 1438 - **CENTRUM NAUKOWO BADAWCZE OCHRONY
 PRZECIWPOŻAROWEJ – PAŃSTWOWY INSTYTUT BADAWCZY**
 Certificate of Constancy of Performance No.: **1438-CPR-0569.**
- Declared performance:

Essential product characteristics	Performance features	EN 54-4:1997 +AC:1999 +A1:2002 +A2:2006 Chapter
Power supply efficiency		
General requirements	Pass	4
Functionality	Pass	5
Materials, design and manufacture	Pass	6
Operational reliability		
General requirements	Pass	4
Functionality	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
Durability of operational reliability: Temperature resistance		
Cold	Pass	9.5

Durability of operational reliability: vibration resistance		
Impact	Pass	9.7
Sine Wave Vibration (Resistance)	Pass	9.8
Sine Wave Vibration (Strength)	Pass	9.15
Durability of operational reliability: electrical stability		
Electromagnetic compatibility (immunity)	Pass	9.9
Durability of operational reliability: moisture resistance		
Humid Solid Heat (Resistance)	Pass	9.6
Humid Solid Heat (Strength)	Pass	9.14

Essential product characteristics	Performance features		EN 12101-10:2005 +AC:2007 Chapter
	With the mcr OMEGA pro module	With the mcr OMEGA proF module	
Operational reliability			
Features	Pass		6
Materials, design and manufacture	Pass		7
Operating parameters in fire conditions			
General requirements	NPD	Pass	4.1
Power sources – general provisions	Not applicable		5.2.1
Response time			
General requirements	NPD	Pass	4.1
Power sources – general provisions	Not applicable		5.2.1
Power supply from a backup power source (battery)	Pass		6.2.2
Power supply from a backup power source (generators)	NPD	Pass	6.3.1

7. The performance of the product specified in point 1 shall be consistent with the performance declared in point 6.

This declaration of performance is issued under the sole responsibility of the manufacturer specified in point 3.

On behalf of the manufacturer signed, Gdańsk 02.03.26:

Rev. 2

CZŁONEK ZARZĄDU
DYREKTOR PIONU

Tomasz Kamiński