

# **CERTIFICATE FI/41722**

Our Ref. HEL-CERT230601025-01

**Product** Range of enclosures

**CUBO F Type** 

**Trademark** Casemet

**Certificate Holder** Casemet Oy

Insinöörinkatu 1

FI-50100, Mikkeli, Finland

**Technical** Degree of protection (EN 60529) IP65 and IP66

information Mechanical strength (EN 62262) IK09, window IK07 (-5/+80°C type FFUW)

Other information Material: steel (FFUP, FFUF, FFUW and FFPB), stainless steel (FSUP and FSPB) and

acid-proof steel (FAUP and FAPB)

Empty enclosure

The series includes the following types, see the pages 2-4 of this Certificate.

The product is certified according to the following standard(s)

EN 62208:2011

**Validity** This certificate is valid until 2028-07-04 provided that the Conditions for FI certification

are met. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto

market and that the conditions for FI certification are met.

Date of issue 2023-07-04

**SGS Fimko Ltd** 

**Signature** 

Page 1 of 4

iurisdiction issues defined therein

Seppo Lautamies

orno Soutar

**Project Manager** 

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Page 2 of 4 to Certificate: FI/41722

Manufacturer Casemet Oy

Insinöörinkatu 1

FI-50100, Mikkeli, Finland

Manufacturing site Casemet Oy

Insinöörinkatu 1

FI-50100, Mikkeli, Finland

**Directive information**The certified product(s) fulfils requirements of mentioned standard(s)

which are harmonised under the Low Voltage Directive (2014/35/EU)

at the date of issue of the certificate.

### Additional information

Serie includes enclosures of dimension 100x100x80 mm up to 800x400x120 mm with different amount of cover screws as following:

Two cover screws for size 100x100x90 mm (IP65):

FFUP101009 (steel)

FSUP101009 (stainless steel)

FAUP101009 (acid-proof steel)

FFPB101009 (steel, with opening for push-button)

FSPB101009 (stainless steel, with opening for push-button)

FAPB101009 (acid-proof steel, with opening for push-button)

Four cover screws for sizes 150x100x80 mm up to 500x400x120 mm (IP66):

FFUP (steel)

FSUP (stainless steel)

FAUP (acid-proof steel)

FFUF (steel, provided with lead-through flanges)

FFUW (steel, provided with window)

FFPB (steel, provided with openings for push-buttons)

FSPB (stainless steel, provided with openings for push-buttons)

FAPB (acid-proof steel, provided with openings for push-buttons)

## Page 2 of 4

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		Page 3 of 4 to Cer	tificate:	FI/41722
Standard products:		656565656565656565656565656 65656565656		
steel	stainless steel	size (mm)		
FFUP151508, -10, -12	FSUP151508, -10, -12	150 x 150 x 80/	100/120	IP66
FFUP202008, -10, -12	FSUP202008, -10, -12	200 x 200 x 80/1		IP66
FFUP301508, -10, -12	FSUP301508, -10, -12	300 x 150 x 80/		IP66
FFUP302008, -10, -12	FSUP302008, -10, -12	300 x 200 x 80/		IP66
FFUP303008, -10, -12	FSUP303008, -10, -12	300 x 300 x 80/		IP66
FFUP402008, -10, -12	FSUP402008, -10, -12	400 x 200 x 80/		IP66
FFUP403008, -10, -12	FSUP403008, -10, -12	400 x 300 x 80/		IP66
FFUP404008, -10, -12	FSUP404008, -10, -12	400 x 400 x 80/		IP66
FFUP502008, -10, -12	FSUP502008, -10, -12	500 x 200 x 80/		IP66
FFUP503008, -10, -12	FSUP503008, -10, -12	500 x 300 x 80/		IP66
	GSF USGSESGESGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSG	65656565656566665 656565656565666665 65656965656565		
acid-proof steel		size (mm)		
FAUP151508, -10, -12		150 x 150 x 80/	100/120	IP66
FAUP202008, -10, -12		200 x 200 x 80/	100/120	IP66
FAUP301508, -10, -12		300 x 150 x 80/	100/120	IP66
FAUP302008, -10, -12		300 x 200 x 80/		IP66
FAUP303008, -10, -12		300 x 300 x 80/		IP66
FAUP402008, -10, -12		400 x 200 x 80/		IP66
FAUP403008, -10, -12		400 x 300 x 80/		IP66
FAUP404008, -10, -12		400 x 400 x 80/		IP66
FAUP502008, -10, -12		500 x 200 x 80/1	100/120	IP66
FAUP503008, -10, -12		500 x 300 x 80/		IP66
, ,				
steel, provided with flange	steel, provided with wind			
FFUF301512	965655656565656565656565656565656565656	300 x 150 x 120		IP66
-	FFUW202012	200 x 200 x 120		IP66
FFUF302012	FFUW302012	300 x 200 x 120		IP66
FFUF303012	- 96562563636363636363636363636363636363636	300 x 300 x 120		IP66
FFUF402012	FFUW402012	400 x 200 x 120		IP66
FFUF403012	- 363696363636363636363636363636363636363	400 x 300 x 120		IP66
FFUF404012	303636363636363636363 5036363636363636363636363636363636363636	400 x 400 x 120		IP66
FFUF502012	FFUW502012	500 x 200 x 120		IP66
FFUF503012	96262626262626 9636262626262666 9636262626266666	500 x 300 x 120		IP66
	SGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSG			
Model in series with pre-fabric		\$505656565656565656565656565656565656565		
steel		acid-proof steel	size (mm)	,=
FFPB161009		FABP161009	160x100x90	
FFPB221009		FABP221009	220x100x90	
FFPB281009	FSPB281009 F	FABP281009	280x100x90	IP66

Six cover screws for sizes above 500x400x80 mm up to 800x400x120 mm (IP66):

FFUP (steel)

FSUP (stainless steel)

FAUP (acid-proof steel)

FFUF (steel, provided with lead-through flanges)

FFUW (steel, provided with window)

## Page 3 of 4

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Page 4 of 4 to Certificate:	FI/41722
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Standard products:			
steel	stainless steel	size (mm)	
FFUP602008, -10, -12	FSUP602008, -10, -12	600 x 200 x 80/100/120	IP66
FFUP603008, -10, -12	FSUP603008, -10, -12	600 x 300 x 80/100/120	IP66
FFUP604008, -10, -12	FSUP604008, -10, -12	600 x 400 x 80/100/120	IP66
FFUP802008, -10, -12	FSUP802008, -10, -12	800 x 200 x 80/100/120	IP66
FFUP804008, -10, -12	FSUP804008, -10, -12	800 x 400 x 80/100/120	IP66
acid-proof steel		size (mm)	
FAUP602008, -10, -12		600 x 200 x 80/100/120	IP66
FAUP603008, -10, -12		600 x 300 x 80/100/120	IP66
FAUP604008, -10, -12		600 x 400 x 80/100/120	IP66
FAUP802008, -10, -12		800 x 200 x 80/100/120	IP66
FAUP804008, -10, -12		800 x 400 x 80/100/120	IP66
steel, provided with flange	steel, provided with window	size (mm)	
FFUF602012	FFUW602012	600 x 200 x 120	IP66
FFUF603012	GSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGS	600 x 300 x 120	IP66
FFUF604012	656565156565656565656565656565656565656	600 x 400 x 120	IP66
FFUF802012	FFUW802012	800 x 200 x 120	IP66
FFUF804012	GSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGSGS	800 x 400 x 120	IP66

Enclosures tested without lead-throughs (openings). Enclosures can be supplied with pre-fabricated openings. Degree of protection of components installed in pre-fabricated openings determines the final IP-classification.

A suffix eg. letter A can be presented in the Product code for colour code Accessories: Attachment FFL1, EFFL 2.20 and EFFL 2.50

Based on: HELES2303000415-2, 270711-1.



### Page 4 of 4

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