CASEMET

Enclosure catalogue

CASEMET Cubo

Casemet at your service

Casemet is a professional in enclosures. Our product range is comprised of steel enclosures and accessories designed for demanding environments. In addition to standard enclosures, we offer customised enclosing solutions based on standard products, and totally tailor-made enclosing solutions based on the customer's product projects. Our service offering includes assembly services as well as the sourcing of third party components.

We are a reliable and flexible cooperation partner with solid experience in different enclosure solutions. Our strengths include good knowledge of various materials and an innovative design department.

Certificates and standards

We have modern production facilities. Our factories have received the following certificates:

- **ISO 9001:2015 Quality System Certificate**
- **ISO 14001:2015 Environmental Management System Certificate**

We are proud of our products. We develop and test them to suit a wide range of applications and to endure the most extreme conditions. Our Cubo E and EO and F enclosures are certified in accordance with EN 62208:2011. Cubo E and F enclosures are also certified in accordance with DNV-GL and UL 508A Industrial Control Panels.

Further information

Read more at our web pages **www.casemet.fi** or contact our sales personnel.

Visit our Internet website www.casemet.fi

The website contains, among others:

- Latest product news
- Product information
- Customer references
- Brochures and leaflets
- Contact information for our sales staff

Our locations:

**Insinöörinkatu 1,
50100 Mikkeli, FINLAND**

**Työkeskuksenkatu 4,
50170 Mikkeli, FINLAND**

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STEEL ENCLOSURES

Casemet Cubo E wall cabinets, IP 66

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Choosing an enclosure

When choosing a protective enclosure, it is necessary that you understand the operating principles of the equipment that will be installed in the enclosure, as well as the conditions in which the equipment will operate. With this information, the accurate identification of the required enclosure parameters is possible Parameters to be considered include:

- **material**
- **dimensions**
- **degree of protection and impact resistance**
- **flammability**
- **certificates**
- **special environments.**

Material

Our Casemet Cubo series includes enclosures made of sheet steel (polyester painted mild steel and stainless steel, AISI304 or acid-proof steel AISI 316L) We use high quality materials provided to us by the world's leading suppliers. The right material ensures the safety of the installed equipment and its users and eliminates the risk of unnecessary additional costs due to emergency breakdowns. The maintenance needs of an enclosure depend on the materials used.

Sheet steel

Steel enclosures have a high impact resistance and a high degree of protection. Steel enclosures can easily be made to customer-specific dimensions. The material thickness of our standard enclosures varies between 1.25 and 1.5 mm.

Stainless steel, AISI304

Stainless steel, AISI304, is suitable for outdoor use (the use of a rain shelter is recommended) since it has excellent corrosion resistance and resistance to UV radiation. This material is suitable for demanding industrial environments - for example, in the food industry. Additionally, stainless steel is very practical as it needs scarcely any maintenance. Customising is, however, more difficult than with painted steel. The surface roughness of our enclosures made of stainless steel, AISI304, is Ra 0,20…0,35 μm.

Acid-proof steel, AISI316L

Acid-proof steel, AISI316L, is used for environments requiring extreme resistance to corrosion, or those where ordinary stainless steel is not recommended: for example, in the offshore industry It is a specially manufactured material and, as such, is more expensive than AISI304. The surface roughness of our enclosures made of this material is Ra 0,20…0,35 μm. These enclosures are available on request only.

Polyester painted mild steel

The standard colour of our polyester painted mild steel enclosures is grey (RAL 7035). The layer thickness is 80 – 120 μ, and it does not contain TGIC (triglysidyl isocyanurate).

Polyester painted Casemet Cubo enclosures undergo the following processes:
- **pretreatment**
- **rinsing**
- **drying**
- **polyester-powder painting**

Since any customer-specific cutouts are performed before surface treatment and painting, corrosion resistance remains high, even in the cutout areas.

Material comparison

	Polycarbonate	ABS	GRP	Aluminium	Stainless steel, AISI304	Acid-proof steel, AISI316L	Painted mild steel
Outdoor use	****	*	*****	****	*****	*****	****
Indoor use	*****	*****	*****	*****	*****	*****	*****
Cost	****	*****	**	***	*	*	**
Light weight	*****	*****	**	*	*	*	*
High rigidity	***	**	****	****	*****	*****	*****
Impact resistance	****	**	****	****	*****	*****	*****
UV radiation resistance	****	*	****	*****	*****	*****	*****
Temperature resistance range	****	**	****	****	****	****	****
Easiness to machine	*****	*****	*	*	*	*	**
Electrical insulation properties	*****	*****	****	N/A	N/A	N/A	N/A
Flammability	****	*	**	****	*****	*****	*****
Resistance against solvents	*	*	*****	*****	*****	*****	*
Resistance against petrol	***	*	*****	*****	*****	*****	*
Resistance against hydraulic oil	*****	*****	*****	*****	*****	*****	**
Resistance against alcohols	****	***	****	*****	*****	*****	**
Resistance against alkalis	**	*****	****	*	*****	*****	*
Resistance against acids	***	**	***	*	****	*****	*

ABS = acrylonitrile butadiene styrene
GRP = glass reinforced polyester

Excellent	*****
Good	*** and ****
Fair	**
Poor	*
N/A	No information available
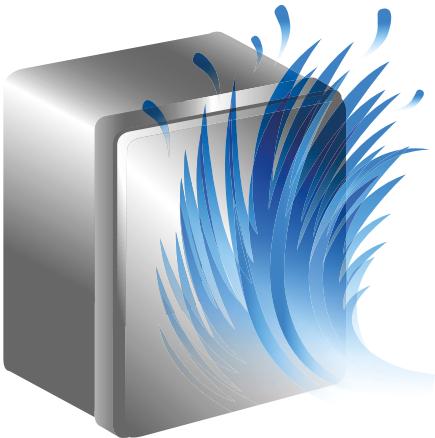
Dimensions

The size of the enclosure is determined by the minimum and/or maximum dimensions of the application. When selecting the size, please consider whether further components are likely to be added at a later stage and, if so, whether the dimensions of the enclosure will still be adequate.

Degrees of protection provided by enclosures

Provided by enclosures, the degree of protection is an important factor. The degree of protection is defined for the enclosure and it should be maintained during the installation and assembly work. This means that, for instance, the IP class of the cable glands should be higher or the same as that of the enclosure.

IP code (European standard EN 60529)

The IP code consists of the letters IP followed by two digits and an optional letter. The first digit of the code classifies the degrees of protection provided against the intrusion of solid objects and dust. In turn, the second digit, stands for protection against liquids.

Casemet Cubo enclosures are designed for use in demanding environments Their IP code ranges between IP 55 and IP 66/67. We have also made customer-specific solutions with an IP 69K rating. These applications are dust tight and able to withstand high-pressure and steam cleaning.

IK code (European standard EN 62262)

IK code indicates the degree of protection provided by enclosures against external mechanical impact. The IK code for our steel enclosures ranges between IK 06 and IK 08. Further information is available on page 8.

Flammability

Flammability is defined as how easily something will burn or ignite, causing fire or combustion. The flammability requirements of an enclosure depend on the application for which it is used. Flammability class refers to the classification of the ignition and burning resistance characteristics of materials other than metal or ceramic.

Further information is available in the table on page 9.

Casemet Cubo enclosure series	E	EO	F
Material	AISI304, PPMS AISI316L	PPMS	AISI304, PPMS AISI316L
SGS Fimko EN 62208	X	X	X
SGS Fimko EN 60439			
UL	X		X
DNV-GL	X		X

MATERIAL:

AISI304 = Stainless steel
PPMS = Polyester painted mild steel galvanized steel
AISI316L= Acid-proof steel

CERTIFICATES

UL = Underwriters Laboratories, File # E488993 (USA)
DNV GL = DNV GL rules for classification – Ships, offshore units, and high speed and light craft

Degree of protection and impact resistance

IP code EN 60529

1st numeral: Protection against intrusion

2nd numeral: Protection against liquids

1st numeral		2nd numeral:	
0	No protection	0	No protection
1	Protection against objects ≥ 50 mm	1	Protection against vertically falling water drops
2	Protection against objects ≥ 12 mm	2	Protection against rain drops falling at max. 15° angle
3	Protection against objects ≥ 2.5 mm	3	Protection against rain drops falling at max. 60° angle
4	Protection against solid objects ≥ 1 mm	4	Protection against rain drops falling from all directions
5	Protection against dust, limited intrusion acceptable	5	Protection against low pressure sprue water from all directions*
6	Total protection against dust	6	Protection against jet water under pressure*
		7	Protection against water intrusion under submersion at 15 cm to 1 m depth, 0.5 hour
		8	Protection against water intrusion under long term submersion under pressure

*Minor intrusion acceptable

IK code EN 62262

Protection against external mechanical impact

IK code	Impact energy (joule)
01-05	<1
06	1
07	2
08	5
09	10
10	20

Technical information

Enclosure series	Cubo E			Cubo EO	Cubo F		
Material	AISI304	AISI316L	PPMS	PPMS	AISI304	AISI316L	PPMS
Knockout alternatives	Plain sides	Plain sides	Flange openings	Flange knockouts	Plain sides	Plain sides	Plain sides, flange openings
Minimum size (mm)	200 x 300 x 150			190 x 240 x 138	150 x 150 x 80		
Maximum size (mm)	1000 x 1200 x 300			480 x 960 x 248	800 x 400 x 120		
Degree of protection:	IP 66[1]			IP 66	IP 66		
Impact resistance	IK 09 (-25 °C...+35 °C)			IK 09 (-25 °C...+35 °C)	IK 09 (-25 °C...+35 °C)		
Environmental type (UL)	4, 4X, 12, 13[2]			N/A	4, 4X, 12, 13[3]		
Continuous operating temperature	-40°C … +80°C			-40°C … +80°C	-40°C … +80°C		
Flammability	N/A			N/A	N/A		

MATERIAL:
AISI304 =   Stainless steel
AISI316L = Acid-proof steel
PPMS =   polyester painted mild steel
            galvanized steel
N/A =   Information not available

[1] Models with two doors IP 55
[2] EFEP-, ESSP-, EASP- enclosures
[3] FFUP-, FSUP-, FAUP-enclosures

Nema-categories

National Electrical Manufacturers Association (NEMA)

NEMA is a commercial organization of electronic products in the United States. UL (Underwriters Laboratories) uses NEMA-defined standards and test methods to test the enclosures and issuing the UL certificate for the enclosures.

Nema-class	Description
NEMA1	Enclosures constructed for indoor to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt).
NEMA12	Enclosures constructed for indoor to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings) and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing)
NEMA13	Enclosures constructed for indoor to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing); and to provide a degree of protection against the spraying, splashing, and seepage of oil and non-corrosive coolants.
NEMA3R	Enclosures constructed for outdoor to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); and that will be undamaged by the external formation of ice on the enclosure.
NEMA4	Enclosures constructed for indoor or outdoor to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water); and that will be undamaged by the external formation of ice on the enclosure.
NEMA4X	Enclosures constructed for indoor or outdoor to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water); that provides an additional level of protection against corrosion; and that will be undamaged by the external formation of ice on the enclosure.

Casemet Cubo enclosures in more detail

Cover

Standard Casemet Cubo F terminal enclosures made of steel can be equipped with a polycarbonate window.

Gasket

We use injected, jointless PUR (polyure-thane) gaskets in our steel enclosures to ensure a high protection class. An alternative gasket material is silicone.

The temperature resistance of various gasket materials is as follows:

- **Polyurethane** **–40 – +80 °C**
- **Neoprene**   **–40 – +100 °C**
- **Silicone**   **–50 – +150 °C**

Mounting plates

Our mounting plates are made of gal-vanized steel. The material thickness of the plates varies between 1.5 - 3.0 mm, depending on the size of the plate.

On request, the mounting plates are also available in customer-specific materials such as stainless steel or a non-conductive material. We custom-ise mounting plates according to the customer's configurations, e.g. with threaded holes and cutouts.

Mounting plates are included as standard in our Casemet Cubo E and EO wall cabinets made of sheet steel.

Hinges

Our range of standard Casemet Cubo enclosures includes hinged wall cabinets in sheet steel. The position of the hinges can easily be changed from one side to the other in the case of Casemet Cubo E wall cabinets, even as the final operation at the installation site.

All of our enclosures can be hinged on request. Hinges can be found among our accessories.

Locking and sealing

The Casemet Cubo E and EO wall cabinets made of sheet steel contain locks as standard. Our range of accessories includes several different lock options.

Content of the product packages

Casemet Cubo series	E	EO	F
Enclosure base	X	X	X
Cover/door	X	X	X
Cover screws			X
Cover plugs			X^2
Mounting screws	X	X	X
Mounting plate with required nuts	X	X	
Cover plate(s) for flange opening(s), bolts and nuts	X**		X**
Extension frame + screws			
Accessories for earth connection	X	X	X
Lock and a key	X	X***	

2   Cover plugs for mounting holes (and hinge holes)
**   Models with flange openings only
***   Quarter-turn slotted lock, no key
****   Depends on the selected version

CUSTOMIZED

Customer-specific enclosing solutions

We are experts in providing customer-specific enclosing solutions for demanding environments. Our customer-specific enclosing solutions offering can be divided into customised enclosing solutions based on standard products and totally tailor-made enclosing solutions based on the customer's product projects.

Customisation services

- Machining such as cutting, drilling and threading according to customer's drawings

- Printing

- Colour services

- Mechanical assembly

- Customer-specific sizes

Integration services

- Mechanical assembly

- Electromechanical assembly

- Hardware and software integrations

- Testing including e.g. environmental and functionality testing

- Sourcing of third party components

- Logistics & quality assurance

Our capabilities

We have years of experience with varying enclosing applications from one industry segment to another. In addition, we have highly skilled staff, an innovative design department and sound knowledge of various raw materials.

We specialize in solutions targeted at demanding environments requiring high degrees of protection. Special gasket and enclosure materials are available on request.

We have modern production facilities with the latest technology robots. The latest 2D-laser has recently been taken into use in our factory.

We use a fully automatic robotic cell for bending and welding our sheet steel enclosures. The bending cell is totally flexible for dimensioning without any tool changes. Our laser cutting technique enables freely customised shapes and main dimensions without setup times. Cutouts in metal enclosures are made before painting in order to prevent corrosion in the cutout areas.

Our strengths in producing customer-specific enclosing solutions:

- Experienced design department
- Knowledgeable and innovative personnel
- Experience of wide range of materials
- Large selection of high quality components
- Usage of laser cutting tools that enable freely customised shapes.

Casemet's latest and most modern 2D-laser

Salvagnini's 4kW L3-laser is Casemet's latest and most modern machinery investment. It provides high-speed and efficient cutting features of steel sheet.
Other main stations of the laser are: on and off-loading stations, disassembling and feeding stations, lifting tables, conveyor belt and Minitower stock.

Manipulated materials:
- Sheet steels
- Magnetic and non-magnetic surfaces
- Blank, painted or 1- or 2-sided surfaces, plastic filmed
- Pierced and embossed

Casemet Cubo E wall cabinets

IP 66,
Models with two doors IP 55

Sizes 200 x 300 x 150 – 1000 x 1200 x 300 mm

- Polyester painted mild steel: Plain sides and models with flange openings
- Stainless steel AISI304: Plain sides
- Acid-proof steel AISI316L: Plain sides

Casemet Cubo E wall cabinets in brief:

- **The models of polyester painted enclosures have flange openings, while stainless and acid-proof steel models have plain sides**
- **Available in 31 sizes**
- **Has welded M8 bolts for a mounting plate in the bottom of the base and M6 bolts for DIN rail profiles or DIN rails in the door**
- **Has M6 bolts for earthing on two sides of the base**
- **The door can be opened 110°**
- **The door can easily be changed from right to left-hand hinged**
- **Customer-specific dimensionings also available in small volumes at competitive prices**
- **Polyester painted enclosures with wall mounting holes. Stainless and acid-proof steel versions with drill marks only.**

Contents of the product package:

- **Enclosure base and door**
- **Cover plate(s) for flange opening(s), bolts and nuts (polyester painted enclosures)**
- **Mounting plate with required nuts**
- **M8 bolt, washers and a nut for earth connection of the mounting plate**
- **Earth marks**
- **DIN 3 lock and one DIN 3 key**
- **Cover plugs for mounting holes (polyester painted enclosures) and hinge holes**
- **Nut and washers for M6 bolts**

Customising services available for this product:

- **Customer-specific dimensions**
- **Machining**
- **Colour service**
- **Assembly of components**

Further information on our customising services is available on page 12.

Conformity	
Steel enclosures:	CE RoHS FI UL DNV·GL

Technical information	
Degree of protection:	IP 66, Models with two doors IP 55
Impact resistance:	IK 09 (-25 °C... +35 °C)

Material	
Base/door:	Polyester painted mild steel, stainless steel AISI304 or acid-proof steel AISI316L
Gasket:	PUR (polyurethane)
Mounting plate:	Galvanised steel
Locks:	Chrome plated zinc die in painted enclosures, AISI304 or AISI316L in stainless steel enclosures
Hinges:	Stainless steel

Knockout alternatives	
Polyester painted enclosures:	Flange openings, Plain sides
Enclosures made of acid-proof steel:	Plain sides
Enclosures made of sainless steel:	Plain sides

Standard colour	
Polyester painted enclosures:	Grey RAL7035

Material based technical information available on page 5.

A rain shelter is recommended if a cabinet is used outdoors

The enclosure has welded M8 bolts in the bottom of the base and M6 bolts in the door. There is also an M6 bolt for earthing on one side.

Casemet Cubo E wall cabinets, flange openings, polyester painted milçd steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
EFEF203015A	1 x B flange opening	200	300	150	135	139	1
EFEF302015A	1 x C flange opening	300	200	150	135	139	1
EFEF303015A	1 x C flange opening	300	300	150	135	139	1
EFEF303020A	1 x C flange opening	300	300	200	185	189	1
EFEF304020A	1 x C flange opening	300	400	200	185	189	1
EFEF383820A	1 x C flange opening	380	380	200	185	189	1
EFEF386020A	1 x C flange opening	380	600	200	185	189	1
EFEF386030A	1 x C flange opening	380	600	500	285	289	1
EFEF403015A	1 x C flange opening	400	300	150	135	139	1
EFEF403020A	1 x C flange opening	400	300	200	185	189	1
EFEF404020A	1 x C flange opening	400	400	200	185	189	1
EFEF404030A	1 x C flange opening	400	400	300	285	289	1
EFEF405020A	1 x C flange opening	400	500	200	185	189	1
EFEF406020A	1 x C flange opening	400	600	200	185	189	1
EFEF406030A	1 x C flange opening	400	600	300	285	289	1
EFEF505020A	2 x C flange opening	500	500	200	185	189	1
EFEF505030A	2 x C flange opening	500	500	300	285	289	1
EFEF506030A	2 x C flange opening	500	600	300	285	289	1
EFEF604020A	2 x C flange opening	600	400	200	185	189	1
EFEF604030A	2 x C flange opening	600	400	300	285	289	1
EFEF606020A	2 x C flange opening	600	600	200	185	189	1
EFEF606030A	2 x C flange opening	600	600	300	285	289	1
EFEF608020A	2 x C flange opening	600	800	200	185	189	1
EFEF608030A	2 x C flange opening	600	800	300	285	289	1
EFEF6010030A	2 x C flange opening	600	1000	300	285	289	1
EFEF6012030A	2 x C flange opening	600	1200	300	285	289	1
EFEF767620A	3 x C flange opening	760	760	200	185	189	1
EFEF767630A	3 x C flange opening	760	760	300	285	289	1
EFEF806030A	3 x C flange opening	800	600	300	285	289	1
EFEF808020A	3 x C flange opening	800	800	200	185	189	1
EFEF808030A	3 x C flange opening	800	800	300	285	289	1
EFEF8010030A	3 x C flange opening	800	1000	300	285	289	1
EFEF8012030A	3 x C flange opening	800	1200	300	285	289	1
EFEF1008030A	4 x C flange opening	1000	800	300	285	289	1
EFEF10010030A	4 x C flange opening	1000	1000	300	285	289	1
EFEF10012030A	4 x C flange opening	1000	1200	300	285	289	1
EFEF808030DA	3 x C flange opening, two doors	800	800	300	285	289	1
EFEF8010030DA	3 x C flange opening, two doors	800	1000	300	285	289	1
EFEF10010030DA	4 x C flange opening, two doors	1000	1000	300	285	289	1
EFEF10012030DA	4 x C flange opening, two doors	1000	1200	300	285	289	1

EFEF203015A

EFEF6010030A

EFEF808030DA

Casemet Cubo E wall cabinets, Plain sides, polyester painted mild steel

Product code	Description	External dimensions (mm)			Inner depth (mm)	Package size (pcs)
		Width	Height	Depth		
EFEP203015A	Plain sides	200	300	150	139	1
EFEP302015A	Plain sides	300	200	150	139	1
EFEP303015A	Plain sides	300	300	150	139	1
EFEP303020A	Plain sides	300	300	200	189	1
EFEP304020A	Plain sides	300	400	200	189	1
EFEP383820A	Plain sides	380	380	200	189	1
EFEP386020A	Plain sides	380	600	200	189	1
EFEP386030A	Plain sides	380	600	300	289	1
EFEP403015A	Plain sides	400	300	150	139	1
EFEP403020A	Plain sides	400	300	200	189	1
EFEP404020A	Plain sides	400	400	200	189	1
EFEP404030A	Plain sides	400	400	300	289	1
EFEP405020A	Plain sides	400	500	200	189	1
EFEP406020A	Plain sides	400	600	200	189	1
EFEP406030A	Plain sides	400	600	300	289	1
EFEP505020A	Plain sides	500	500	200	189	1
EFEP505030A	Plain sides	500	500	300	289	1
EFEP506030A	Plain sides	500	600	300	289	1
EFEP604020A	Plain sides	600	400	200	189	1
EFEP604030A	Plain sides	600	400	300	289	1
EFEP606020A	Plain sides	600	600	200	189	1
EFEP606030A	Plain sides	600	600	300	289	1
EFEP608020A	Plain sides	600	800	200	189	1
EFEP608030A	Plain sides	600	800	300	289	1

Casemet Cubo E wall cabinets

Product code	Description	External dimensions (mm)			Inner depth (mm)	Package size (pcs)
		Widht	Height	Depth		
EFEP6010030A	Plain sides	600	1000	300	289	1
EFEP6012030A	Plain sides	600	1200	300	289	1
EFEP767620A	Plain sides	760	760	200	189	1
EFEP767630A	Plain sides	760	760	300	289	1
EFEP806030A	Plain sides	800	600	300	289	1
EFEP808020A	Plain sides	800	800	200	189	1
EFEP808030A	Plain sides	800	800	300	289	1
EFEP8010030A	Plain sides	800	1000	300	289	1
EFEP8012030A	Plain sides	800	1200	300	289	1
EFEP1008030A	Plain sides	1000	800	300	289	1
EFEP10010030A	Plain sides	1000	1000	300	289	1
EFEP10012030A	Plain sides	1000	1200	300	289	1
EFEP808030DA	Plain sides	800	800	300	289	1
EFEP8010030DA	Plain sides	800	1000	300	289	1
EFEP10010030DA	Plain sides	1000	1000	300	289	1
EFEP10012030DA	Plain sides	1000	1200	300	289	1

Casemet Cubo E wall cabinets, Plain sides, stainless steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Widht	Height	Depth	Base depth		
ESSP203015	Plain sides	200	300	150	135	139	1
ESSP302015	Plain sides	300	200	150	135	139	1
ESSP303015	Plain sides	300	300	150	135	139	1
ESSP303020	Plain sides	300	300	200	185	189	1
ESSP304020	Plain sides	300	400	200	185	189	1
ESSP383820	Plain sides	380	380	200	185	189	1
ESSP386020	Plain sides	380	600	200	185	189	1
ESSP386030	Plain sides	380	600	300	285	289	1
ESSP403015	Plain sides	400	300	150	135	139	1
ESSP403020	Plain sides	400	300	200	185	189	1
ESSP404020	Plain sides	400	400	200	185	189	1
ESSP404030	Plain sides	400	400	300	285	289	1
ESSP405020	Plain sides	400	500	200	185	189	1
ESSP406020	Plain sides	400	600	200	185	189	1
ESSP406030	Plain sides	400	600	300	285	289	1
ESSP505020	Plain sides	500	500	200	185	189	1
ESSP505030	Plain sides	500	500	300	285	289	1
ESSP506030	Plain sides	500	600	300	285	289	1
ESSP604020	Plain sides	600	400	200	185	189	1
ESSP604030	Plain sides	600	400	300	285	289	1
ESSP606020	Plain sides	600	600	200	185	189	1
ESSP606030	Plain sides	600	600	300	285	289	1
ESSP608020	Plain sides	600	800	200	185	189	1
ESSP608030	Plain sides	600	800	300	285	289	1
ESSP6010030	Plain sides	600	1000	300	285	289	1
ESSP6012030	Plain sides	600	1200	300	285	289	1
ESSP767620	Plain sides	760	760	200	185	289	1
ESSP767630	Plain sides	760	760	300	285	289	1
ESSP806030	Plain sides	800	600	300	285	289	1
ESSP808020	Plain sides	800	800	200	185	189	1
ESSP808030	Plain sides	800	800	300	285	289	1
ESSP8010030	Plain sides	800	1000	300	285	289	1
ESSP8012030	Plain sides	800	1200	300	285	289	1
ESSP1008030	Plain sides	1000	800	300	285	289	1
ESSP10010030	Plain sides	1000	1000	300	285	289	1
ESSP10012030	Plain sides	1000	1200	300	285	289	1

ESSP303015

ESSP406030

Casemet Cubo E wall cabinets, Plain sides, acid-proof steel

Product code	Description	External dimensions (mm)			Inner depth (mm)	Package size (pcs)
		Widht	Height	Depth		
EASP203015	Plain sides	200	300	150	139	1
EASP302015	Plain sides	300	200	150	139	1
EASP303015	Plain sides	300	300	150	139	1
EASP303020	Plain sides	300	300	200	189	1
EASP304020	Plain sides	300	400	200	189	1
EASP383820	Plain sides	380	380	200	189	1
EASP386020	Plain sides	380	600	200	189	1
EASP386030	Plain sides	380	600	300	289	1
EASP403015	Plain sides	400	300	150	139	1
EASP403020	Plain sides	400	400	200	189	1
EASP404020	Plain sides	400	400	200	189	1
EASP404030	Plain sides	400	500	300	289	1
EASP405020	Plain sides	400	600	200	189	1
EASP406020	Plain sides	400	600	200	189	1
EASP406030	Plain sides	400	600	300	289	1
EASP505020	Plain sides	500	500	200	189	1
EASP505030	Plain sides	500	500	300	289	1
EASP506030	Plain sides	500	600	300	289	1
EASP604020	Plain sides	600	400	200	189	1
EASP604030	Plain sides	600	400	300	289	1
EASP606020	Plain sides	600	600	200	189	1
EASP606030	Plain sides	600	600	300	289	1
EASP608020	Plain sides	600	800	200	189	1
EASP608030	Plain sides	600	800	300	289	1
EASP6010030	Plain sides	600	1000	300	289	1
EASP6012030	Plain sides	600	1200	300	289	1
EASP767620	Plain sides	760	760	200	289	1
EASP767630	Plain sides	760	760	300	289	1
EASP806030	Plain sides	800	600	300	289	1
EASP808020	Plain sides	800	800	200	189	1
EASP808030	Plain sides	800	800	300	289	1
EASP8010030	Plain sides	800	1000	300	289	1
EASP8012030	Plain sides	800	1200	300	289	1
EASP1008030	Plain sides	1000	800	300	289	1
EASP10010030	Plain sides	1000	1000	300	289	1
EASP10012030	Plain sides	1000	1200	300	289	1

EASP303015

Rain shelters

Product code	Description	Dimensions (mm)	Package size (pcs)
Painted, RAL7035			
ERS2015A	For size EFEF203015A	165 x 205	1
ERS3015A	For size EFEF30xx15A	165 x 305	1
ERS4015A	For size EFEF403015A	165 x 405	1
ERS3020A	For size EFEF30xx20A	220 x 305	1
ERS3820A	For size EFEF38xx20A	220 x 385	1
ERS3830A	For size EFEF38xx30A	320 x 385	1
ERS4020A	For size EFEF40xx20A	220 x 405	1
ERS5020A	For size EFEF505020A	220 x 505	1
ERS6020A	For size EFEF60xx20A	220 x 605	1
ERS8020A	For size EFEF808020A	220 x 805	1
ERS4030A	For size EFEF40xx30A	320 x 405	1
ERS5030A	For size EFEF50xx30A	320 x 505	1
ERS6030A	For size EFEF60xx30A	320 x 605	1
ERS7620A	For size EFE76xx20A	220 x 765	1
ERS7630A	For size EFEF76xx30A	320 x 765	1
ERS8030A	For size EFEF80xx30A	320 x 805	1
ERS10030A	For size EFEF100xx30A	320 x 1005	1
Stainless steel AISI304			
ERS2015B	For size ESSP203015	165 x 205	1
ERS3015B	For size ESSP30xx15	165 x 305	1
ERS3820B	For size ESSP38xx20	220 x 385	1
ERS3830B	For size ESSP38xx30	320 x 385	1
ERS4015B	For size ESSP403015	165 x 405	1
ERS3021B	For size ESSP30xx20	220 x 305	1
ERS4021B	For size ESSP40xx20	220 x 405	1
ERS5021B	For size ESSP505020	220 x 505	1
ERS6021B	For size ESSP60xx20	220 x 605	1
ERS8021B	For size ESSP808020	220 x 805	1
ERS4031B	For size ESSP40xx30	320 x 405	1
ERS5031B	For size ESSP50xx30	320 x 505	1
ERS6031B	For size ESSP60xx30	320 x 605	1
ERS7620B	For size ESSP76xx20	220 x 765	1
ERS7630B	For size ESSP76xx30	320 x 765	1
ERS8031B	For size ESSP80xx30	320 x 805	1
ERS10031B	For size ESSP100xx30	320 x 1005	1

ERS2015A

ERS2015B

Mounting plates

Product code	Description	Dimensions (mm)	Package size (pcs)
Mounting plates, galvanized steel			
EMP23	200 x 300 mm enclosures	150 x 270 x 2	1
EMP32	300 x 200 mm enclosures	250 x 170 x 2	1
EMP33	300 x 300 mm enclosures	250 x 270 x 2	1
EMP3838	380 x 380 mm enclosures	350 x 330 x 2	1
EMP3860	380 x 600 mm enclosures	330 x 570 x 2	1
EMP34	300 x 400 mm enclosures	370 x 250 x 2	1
EMP43	400 x 300 mm enclosures	350 x 270 x 2	1
EMP44	400 x 400 mm enclosures	350 x 370 x 2	1
EMP45	400 x 500 mm enclosures	350 x 470 x 2,5	1
EMP46	400 x 600 mm enclosures	350 x 570 x 2,5	1
EMP55	500 x 500 mm enclosures	450 x 470 x 2,5	1
EMP56	500 x 600 mm enclosures	450 x 570 x 2,5	1
EMP64	600 x 400 mm enclosures	550 x 370 x 2,5	1
EMP66	600 x 600 mm enclosures	550 x 570 x 2,5	1
EMP68	600 x 800 mm enclosures	550 x 770 x 3	1
EMP610	600 x 1000 mm enclosures	550 x 970 x 3	1
EMP612	600 x 1200 mm enclosures	550 x 1170 x 3	1
EMP7676	760 x 760 mm enclosures	710 x 730 x 3	1
EMP86	800 x 600 mm enclosures	750 x 570 x 3	1
EMP88	800 x 800 mm enclosures	750 x 770 x 3	1
EMP810	800 x 1000 mm enclosures	750 x 970 x 3	1
EMP812	800 x 1200 mm enclosures	750 x 1170 x 3	1
EMP108	1000 x 800 mm enclosures	970 x 750 x 3	1
EMP1010	1000 x 1000 mm enclosures	950 x 970 x 3	1
EMP1012	1000 x 1200 mm enclosures	950 x 1170 x 3	1
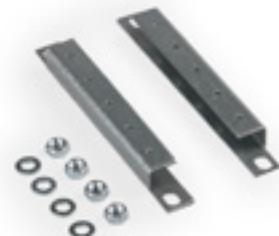
EMP23

DIN rails and DIN rail profiles

Product code	Description	Dimensions (mm)	Package size (pcs)
DIN rails for base, DIN 35, galvanized steel			
DK3520B	For base, 200 mm side, pair	35 x 122	10
DK3530B	For base, 300 mm side, pair	35 x 222	10
DK3540B	For base, 400 mm side, pair	35 x 322	10
DK3550B	For base, 500 mm side, pair	35 x 422	5
DK3560B	For base, 600 mm side, pair	35 x 522	5
DK3580B	For base, 800 mm side, pair	35 x 722	5
DK35100B	For base, 1000 mm side, pair	35 x 922	5
DIN rail profiles for base, galvanized steel			
EBP20	For base, 200 mm side, pair	20 x 143	1
EBP30	For base, 300 mm side, pair	20 x 243	1
EBP40	For base, 400 mm side, pair	20 x 343	1
EBP50	For base, 500 mm side, pair	20 x 443	1
EBP60	For base, 600 mm side, pair	20 x 543	1
EBP80	For base, 800 mm side, pair	20 x 743	1
EBP100	For base, 1000 mm side, pair	20 x 943	1
EBP120	For base, 1200 mm side, pair	20 x 1143	1
DIN rails for door, DIN 35, galvanized steel			
DK3520D	For door, 200 mm side, pair	35 x 76	10
DK3530D	For door, 300 mm side, pair	35 x 176	10
DK3540D	For door, 400 mm side, pair	35 x 276	10
DK3550D	For door, 500 mm side, pair	35 x 376	5
DK3560D	For door, 600 mm side, pair	35 x 476	5
DK3580D	For door, 800 mm side, pair	35 x 676	5
DK35100D	For door, 1000 mm side, pair	35 x 876	5
DIN rail profiles for door, galvanized steel			
EDP20	For door, 200 mm side, pair	15 x 133	1
EDP30	For door, 300 mm side, pair	15 x 233	1
EDP40	For door, 400 mm side, pair	15 x 333	1
EDP50	For door, 500 mm side, pair	15 x 433	1
EDP60	For door, 600 mm side, pair	15 x 533	1
EDP80	For door, 800 mm side, pair	15 x 733	1
EDP100	For door, 1000 mm side, pair	15 x 933	1
EDP120	For door, 1200 mm side, pair	15 x 1133	1

DIN rail profiles
for base, EBP20

DIN rail profiles for door, EBP20

Cover plates and flanges

Product code	Description	Dimensions (mm)	Package size (pcs)
Cover plates and flanges			
EVF2A	Ventilation flange, size C	93 x 222 x 7.5	1
ECF1A	Cover plate, size B	48 x 137 x 7.5	1
ECF2A	Cover plate, size C	93 x 222 x 7.5	1

Ventilation flange, size C, EVF2A.

Cover plate, size B, ECF1A.

Casemet Cubo E wall cabinets

Other accessories

Product code	Description	Dimensions (mm)	Package size (pcs)
ED10	Triangular lock with 11 mm key	ø 28 x 32 x ø 22	1
ED10M6	Lock with wing handle, width 50 mm	50 x 45 x ø 22	1
EKL1	Lock incl. 2 keys	ø 27 x 33 x ø 22	1
EH1	Black swing handle for three point locking	48 x 180 x 50	1
EDS2	Door stopper, set, galvanized steel	-	1
EG200	Door grounding, M6>M6, 2.5 mm²	Length 220 mm	1
EFLM4	Counter part for fastening lugs, set of 4 pcs	-	1
OLT42KEY	DIN 3 key for standard lock	50 x 53 x ø22	1
VPTS95	Door stopper	255 x 40 x 35	1
EO71.40	Adapter for padlock	50 x 45 x 35	1
EFFL3.20	Fastening lugs, 20 mm high, set of 4 pcs	45 x 60 x 25	1

Triangular lock with 11 mm key, ED10.

Lock with wing handle, ED10M6.

Lock incl. 2 keys, EKL1.

Black swing handle for three point locking, EH1.

Door stopper, set , EDS2.

Door grounding, EG200.

Fastening lug set, 20 mm high, EFFL2.20.

Counter part for fastening lugs, EFLM4.

DIN 3 key for standard lock, OLT42KEY.

Adapter for padlock, EO71.04.

Fastening lugs, 20 mm high, EFFL3.20

Dimensional drawings, Casemet Cubo E

Casemet Cubo E 200 x 300 x 150 mm

| Product code	Description
EFEF203015A	1 x B flange opening, polyester painted mild steel
EFEP203015A	Plain sides, polyester painted mild steel
ESSP203015	Plain sides, stainless steel
ESSF203015	1 x B flange opening, stainless steel
EASP203015	Plain sides, acid-proof steel

Casemet Cubo E 300 x 200 x 150 mm

| Product code	Description
EFEF302015A	1 x C flange opening, polyester painted mild steel
EFEP302015A	Plain sides, polyester painted mild steel
ESSP302015	Plain sides, stainless steel
ESSF302015	1 x C flange opening, stainless steel
EASP302015	Plain sides, acid-proof steel
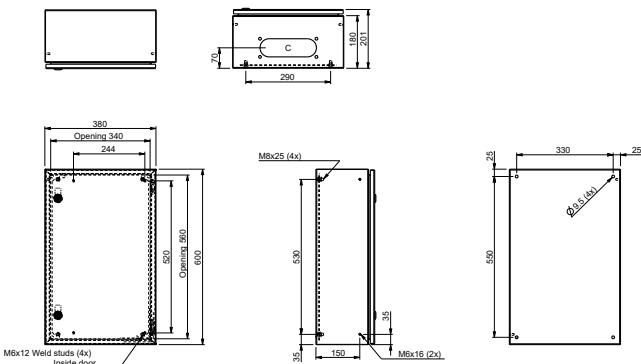
Casemet Cubo E 300 x 300 x 150 mm

Product code	Description
EFEF303015A	1 x C flange opening, polyester painted mild steel
EFEP303015A	Plain sides, polyester painted mild steel
ESSP303015	Plain sides, stainless steel
ESSF303015	1 x C flange opening, stainless steel
EASP303015	Plain sides, acid-proof steel

Casemet Cubo E 300 x 300 x 200 mm

| Product code	Description
EFEF303020A	1 x C flange opening, polyester painted mild steel
EFEP303020A	Plain sides, polyester painted mild steel
ESSP303020	Plain sides, stainless steel
ESSF303020	1 x C flange opening, stainless steel
EASP303020	Plain sides, acid-proof steel

Casemet Cubo E 300 x 400 x 200 mm

Product code	Description
EFEF304020A	1 x C flange opening, polyester painted mild steel
EFEP304020A	Plain sides, polyester painted mild steel
ESSP304020	Plain sides, stainless steel
ESSF304020	1 x C flange opening, stainless steel
EASP304020	Plain sides, acid-proof steel

Casemet Cubo E 380 x 380 x 200 mm

| Product code	Description
EFEF383820A	1 x C flange opening, polyester painted mild steel
EFEP383820A	Plain sides, polyester painted mild steel
ESSP383820	Plain sides, stainless steel
ESSF383820	1 x C flange opening, stainless steel
EASP383820	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo E
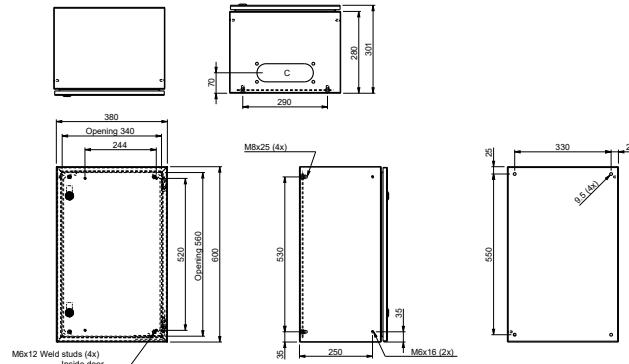
Dimensions mm [inch]

Casemet Cubo E 380 x 600 x 200 mm
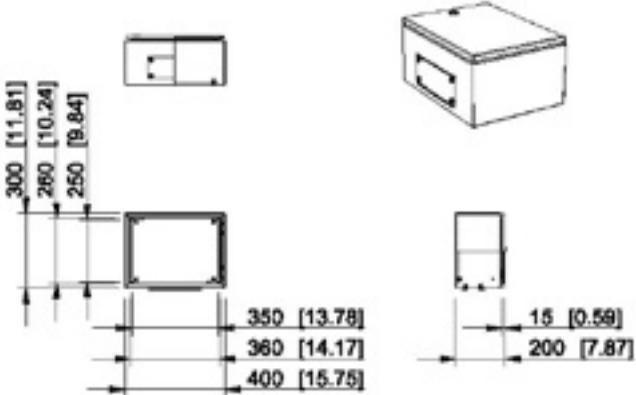
Product code	Description
EFEF386020A	1 x C flange opening, polyester painted mild steel
EFEP386020A	Plain sides, polyester painted mild steel
ESSP386020	Plain sides, stainless steel
ESSF386020	1 x C flange opening, stainless steel
EASP386020	Plain sides, acid-proof steel

Casemet Cubo E 380 x 600 x 300 mm
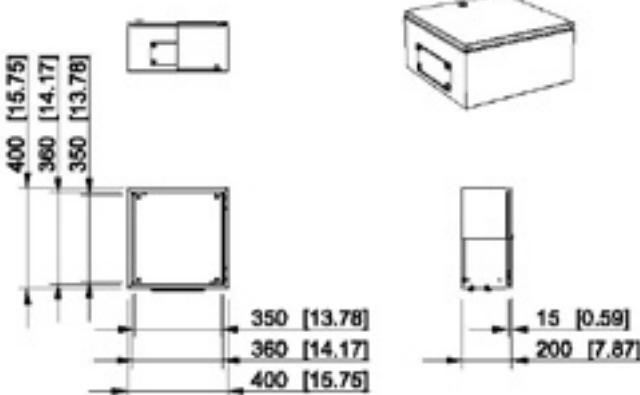
| Product code	Description
EFEF386030A	1 x C flange opening, polyester painted mild steel
EFEP386030A	Plain sides, polyester painted mild steel
ESSP386030	Plain sides, stainless steel
ESSF386030	1 x C flange opening, stainless steel
EASP386030	Plain sides, acid-proof steel

Casemet Cubo E 400 x 300 x 200 mm
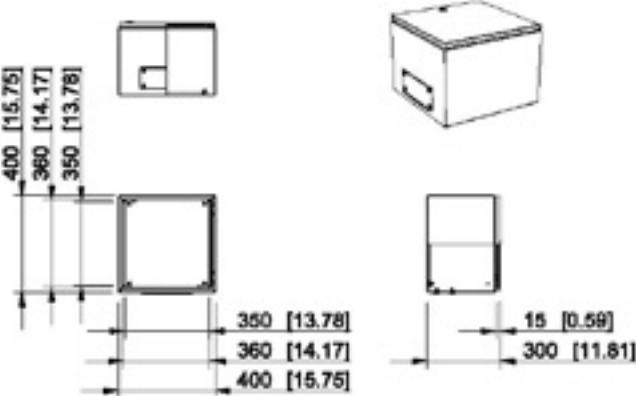
Product code	Description
EFEF403020A	1 x C flange opening, polyester painted mild steel
EFEP403020A	Plain sides, polyester painted mild steel
ESSP403020	Plain sides, stainless steel
ESSF403020	1 x C flange opening, stainless steel
EASP403020	Plain sides, acid-proof steel

Casemet Cubo E 400 x 400 x 200 mm
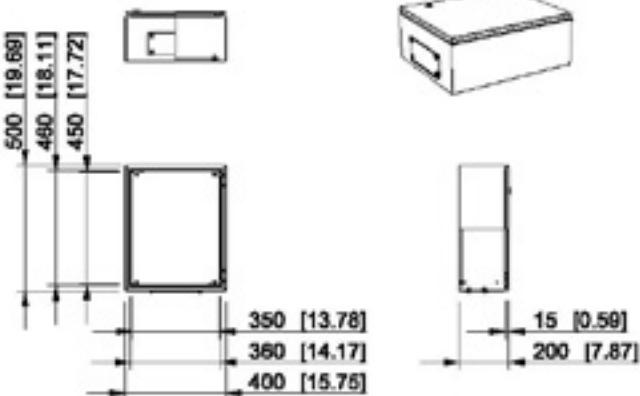
Product code	Description
EFEF404020A	1 x C flange opening, polyester painted mild steel
EFEP404020A	Plain sides, polyester painted mild steel
ESSP404020	Plain sides, stainless steel
ESSF404020	1 x C flange opening, stainless steel
EASP404020	Plain sides, acid-proof steel

Casemet Cubo E 400 x 400 x 300 mm

| Product code	Description
EFEF404030A	1 x C flange opening, polyester painted mild steel
EFEP404030A	Plain sides, polyester painted mild steel
ESSP404030	Plain sides, stainless steel
ESSF404030	1 x C flange opening, stainless steel
EASP404030	Plain sides, acid-proof steel
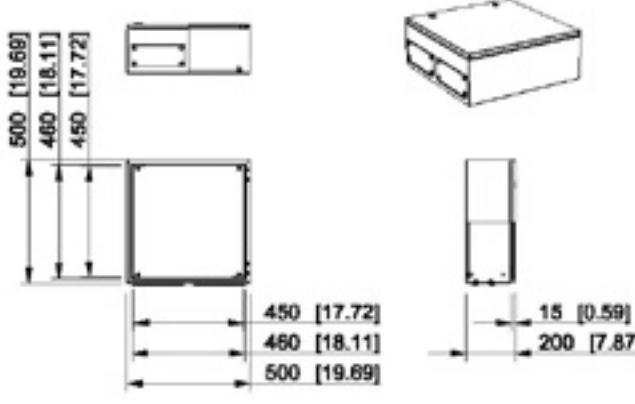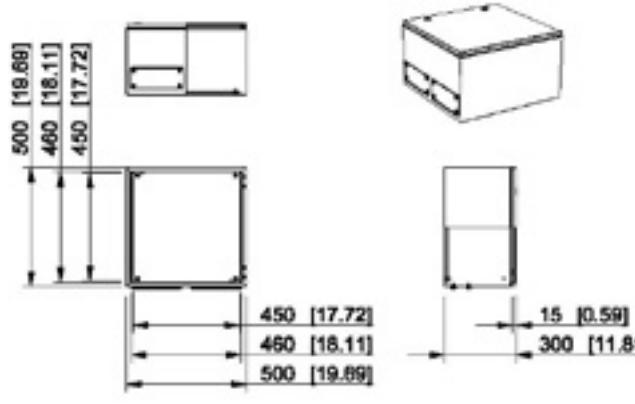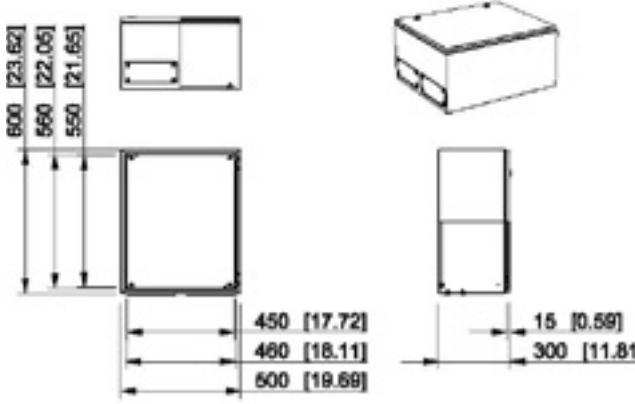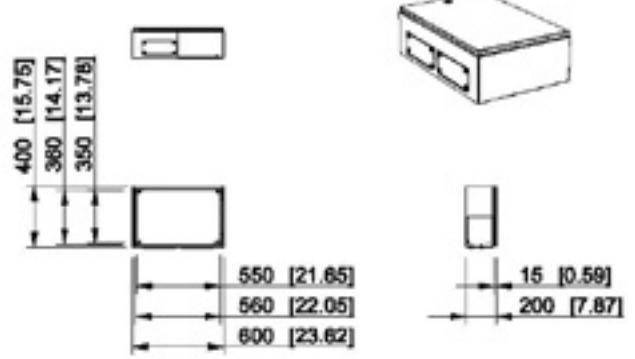
Casemet Cubo E 400 x 500 x 200 mm

Product code	Description
EFEF405020A	1 x C flange opening, polyester painted mild steel
EFEP405020A	Plain sides, polyester painted mild steel
ESSP405020	Plain sides, stainless steel
ESSF405020	1 x C flange opening, stainless steel
EASP405020	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo E

Dimensions mm [inch]

Casemet Cubo E 400 x 600 x 200 mm

600 [23.62]
560 [22.05]
550 [21.65]

350 [13.78]
360 [14.17]
400 [15.75]

15 [0.59]
200 [7.87]

| Product code	Description
EFEF406020A	2 x C flange opening, polyester painted mild steel
EFEP406020A	Plain sides, polyester painted mild steel
ESSP406020	Plain sides, stainless steel
ESSF406020	2 x C flange opening, stainless steel
EASP406020	Plain sides, acid-proof steel

Casemet Cubo E 400 x 600 x 300 mm

600 [23.62]
560 [22.05]
550 [21.65]

350 [13.78]
360 [14.17]
400 [15.75]

15 [0.59]
300 [11.81]

Product code	Description
EFEF406030A	2 x C flange opening, polyester painted mild steel
EFEP406030A	Plain sides, polyester painted mild steel
ESSP406030	Plain sides, stainless steel
ESSF406030	2 x C flange opening, stainless steel
EASP406030	Plain sides, acid-proof steel

Casemet Cubo E 500 x 500 x 200 mm

500 [19.69]
460 [18.11]
450 [17.72]

450 [17.72]
460 [18.11]
500 [19.69]

15 [0.59]
200 [7.87]

| Product code	Description
EFEF505020A	2 x C flange opening, polyester painted mild steel
EFEP505020A	Plain sides, polyester painted mild steel
ESSP505020	Plain sides, stainless steel
ESSF505020	2 x C flange opening, stainless steel
EASP505020	Plain sides, acid-proof steel

Casemet Cubo E 500 x 500 x 300 mm

500 [19.69]
460 [18.11]
450 [17.72]

450 [17.72]
460 [18.11]
500 [19.69]

15 [0.59]
300 [11.81]

Product code	Description
EFEF505030A	2 x C flange opening, polyester painted mild steel
EFEP505030A	Plain sides, polyester painted mild steel
ESSP505030	Plain sides, stainless steel
ESSF505030	2 x C flange opening, stainless steel
EASP505030	Plain sides, acid-proof steel

Casemet Cubo E 500 x 600 x 300 mm

600 [23.62]
560 [22.05]
550 [21.65]

450 [17.72]
460 [18.11]
500 [19.69]

15 [0.59]
300 [11.81]

| Product code	Description
EFEF506030A	2 x C flange opening, polyester painted mild steel
EFEP506030A	Plain sides, polyester painted mild steel
ESSP506030	Plain sides, stainless steel
ESSF506030	2 x C flange opening, stainless steel
EASP506030	Plain sides, acid-proof steel

Casemet Cubo E 600 x 400 x 200 mm

400 [15.75]
360 [14.17]
350 [13.78]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
200 [7.87]

Product code	Description
EFEF604020A	2 x C flange opening, polyester painted mild steel
EFEP604020A	Plain sides, polyester painted mild steel
ESSP604020	Plain sides, stainless steel
ESSF604020	2 x C flange opening, stainless steel
EASP604020	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo E

Dimensions mm [inch]

Casemet Cubo E 600 x 400 x 300 mm

400 [15.75] 380 [14.17] 350 [13.78]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
300 [11.81]
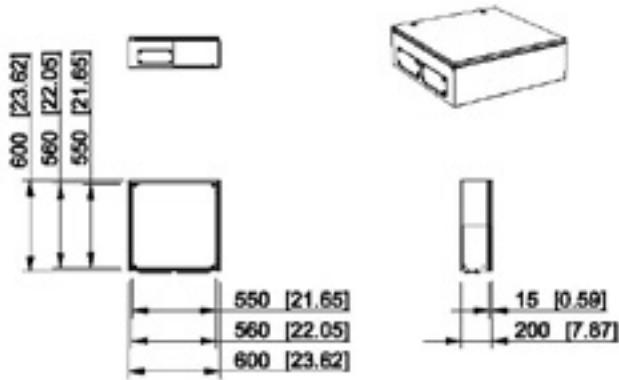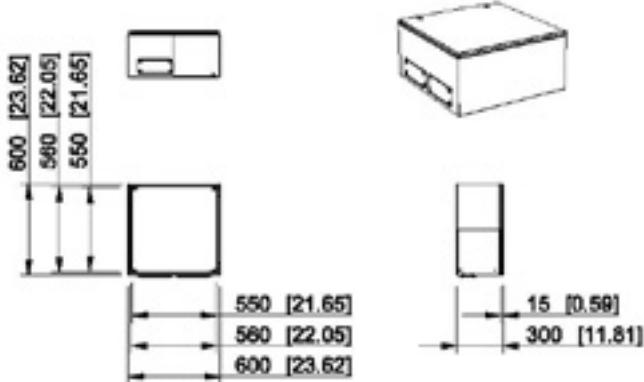
Product code	Description
EFEF604030A	2 x C flange opening, polyester painted mild steel
EFEP604030A	Plain sides, polyester painted mild steel
ESSP604030	Plain sides, stainless steel
ESSF604030	2 x C flange opening, stainless steel
EASP604030	Plain sides, acid-proof steel

Casemet Cubo E 600 x 600 x 200 mm

600 [23.62] 560 [22.05] 550 [21.65]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
200 [7.87]
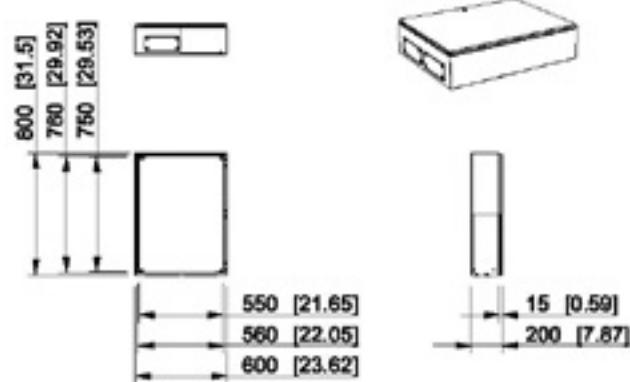
| Product code	Description
EFEF606020A	2 x C flange opening, polyester painted mild steel
EFEP606020A	Plain sides, polyester painted mild steel
ESSP606020	Plain sides, stainless steel
ESSF606020	2 x C flange opening, stainless steel
EASP606020	Plain sides, acid-proof steel

Casemet Cubo E 600 x 600 x 300 mm

600 [23.62] 560 [22.05] 550 [21.65]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
300 [11.81]
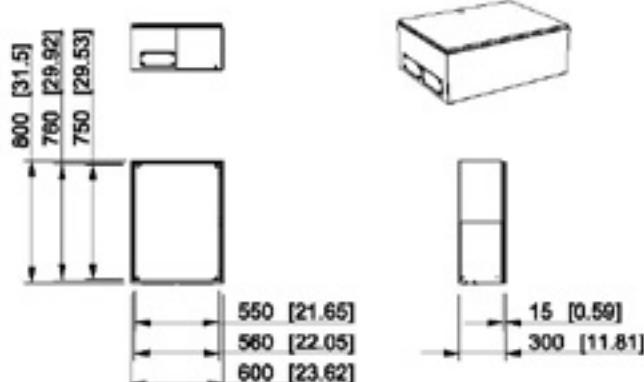
Product code	Description
EFEF606030A	2 x C flange opening, polyester painted mild steel
EFEP606030A	Plain sides, polyester painted mild steel
ESSP606030	Plain sides, stainless steel
ESSF606030	2 x C flange opening, stainless steel
EASP606030	Plain sides, acid-proof steel

Casemet Cubo E 600 x 800 x 200 mm

800 [31.5] 760 [29.92] 750 [29.53]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
200 [7.87]
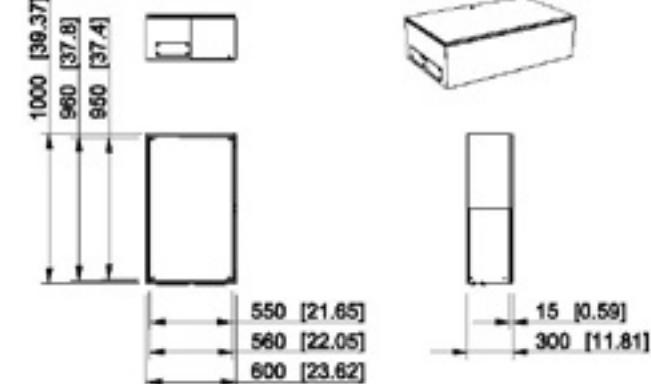
Product code	Description
EFEF608020A	2 x C flange opening, polyester painted mild steel
EFEP608020A	Plain sides, polyester painted mild steel
ESSP608020	Plain sides, stainless steel
ESSF608020	2 x C flange opening, stainless steel
EASP608020	Plain sides, acid-proof steel

Casemet Cubo E 600 x 800 x 300 mm

800 [31.5] 760 [29.92] 750 [29.53]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
300 [11.81]

| Product code	Description
EFEF608030A	2 x C flange opening, polyester painted mild steel
EFEP608030A	Plain sides, polyester painted mild steel
ESSP608030	Plain sides, stainless steel
ESSF608030	2 x C flange opening, stainless steel
EASP608030	Plain sides, acid-proof steel

Casemet Cubo E 600 x 1000 x 300 mm

1000 [39.37] 960 [37.8] 950 [37.4]

550 [21.65]
560 [22.05]
600 [23.62]

15 [0.59]
300 [11.81]
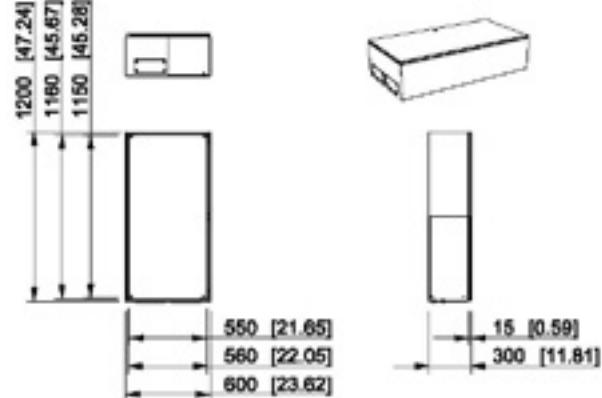
Product code	Description
EFEF6010030A	2 x C flange opening, polyester painted mild steel
EFEP6010030A	Plain sides, polyester painted mild steel
ESSP6010030	Plain sides, stainless steel
ESSF6010030	2 x C flange opening, stainless steel
EASP6010030	Plain sides, acid-proof steel
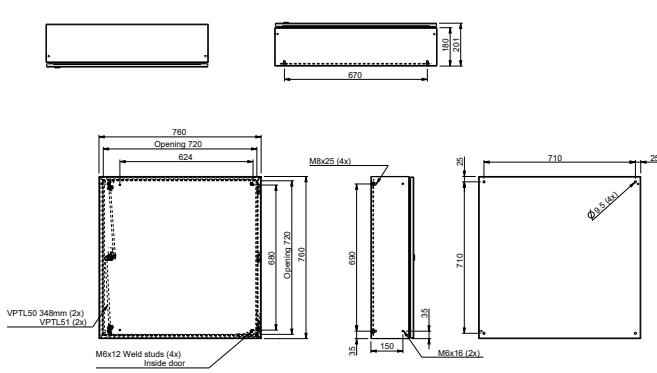
Dimensions mm [inch]

Casemet Cubo E 600 x 1200 x 300 mm
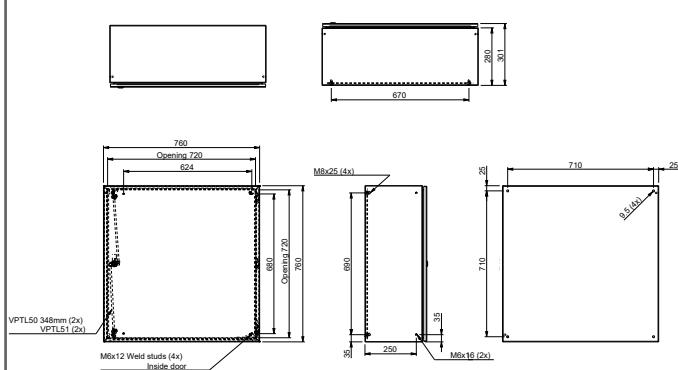
| Product code	Description
EFEF6012030A	2 x C flange opening, polyester painted mild steel
EFEP6012030A	Plain sides, polyester painted mild steel
ESSP6012030	Plain sides, stainless steel
ESSF6012030	2 x C flange opening, stainless steel
EASP6012030	Plain sides, acid-proof steel

Casemet Cubo E 760 x 760 x 200 mm

Product code	Description
EFEF767620A	3 x C flange opening, polyester painted mild steel
EFEP767620A	Plain sides, polyester painted mild steel
ESSP767620	Plain sides, stainless steel
ESSF767620	3 x C flange opening, stainless steel
EASP767620	Plain sides, acid-proof steel

Casemet Cubo E 760 x 760 x 300 mm
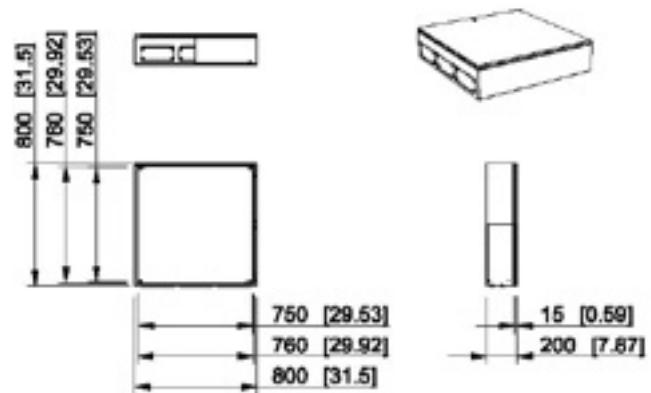
Product code	Description
EFEF767630A	3 x C flange opening, polyester painted mild steel
EFEP767630A	Plain sides, polyester painted mild steel
ESSP767630	Plain sides, stainless steel
ESSF767630	3 x C flange opening, stainless steel
EASP767630	Plain sides, acid-proof steel

Casemet Cubo E 800 x 600 x 300 mm
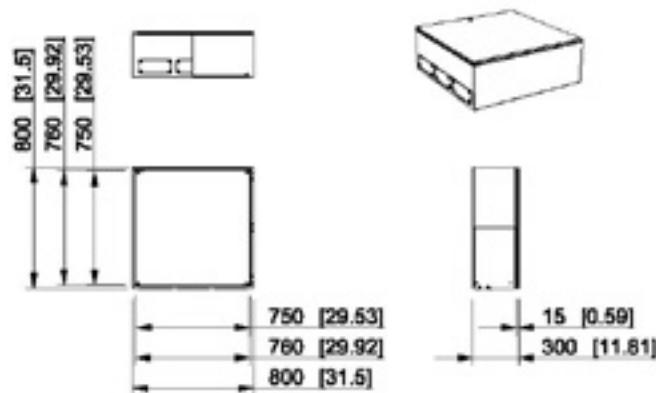
Product code	Description
EFEF806030A	3 x C flange opening, polyester painted mild steel
EFEP806030A	Plain sides, polyester painted mild steel
ESSP806030	Plain sides, stainless steel
ESSF806030	3 x C flange opening, stainless steel
EASP806030	Plain sides, acid-proof steel

Casemet Cubo E 800 x 800 x 200 mm

Product code	Description
EFEF808020A	3 x C flange opening, polyester painted mild steel
EFEP808020A	Plain sides, polyester painted mild steel
ESSP808020	Plain sides, stainless steel
ESSF808020	3 x C flange opening, stainless steel
EASP808020	Plain sides, acid-proof steel

Casemet Cubo E 800 x 800 x 300 mm

Product code	Description
EFEF808030A	3 x C flange opening, polyester painted mild steel
EFEP808030A	Plain sides, polyester painted mild steel
ESSP808030	Plain sides, stainless steel
ESSF808030	3 x C flange opening, stainless steel
EASP808030	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo E

Casemet Cubo E 800 x 1000 x 300 mm

Product code	Description
EFEF8010030A	3 x C flange opening, polyester painted mild steel
EFEP8010030A	Plain sides, polyester painted mild steel
ESSP8010030	Plain sides, stainless steel
ESSF8010030	3 x C flange opening, stainless steel
EASP8010030	Plain sides, acid-proof steel

Casemet Cubo E 800 x 1200 x 300 mm

Product code	Description
EFEF8012030A	3 x C flange opening, polyester painted mild steel
EFEP8012030A	Plain sides, polyester painted mild steel
ESSP8012030	Plain sides, stainless steel
ESSF8012030	3 x C flange opening, stainless steel
EASP8012030	Plain sides, acid-proof steel

Casemet Cubo E 1000 x 800 x 300 mm

Product code	Description
EFEF1008030A	4 x C flange opening, polyester painted mild steel
EFEP1008030A	Plain sides, polyester painted mild steel
ESSP1008030	Plain sides, stainless steel
ESSF1008030	4 x C flange opening, stainless steel
EASP1008030	Plain sides, acid-proof steel

Casemet Cubo E 1000 x 1000 x 300 mm

Product code	Description
EFEF10010030A	4 x C flange opening, polyester painted mild steel
EFEP10010030A	Plain sides, polyester painted mild steel
ESSP10010030	Plain sides, stainless steel
ESSF10010030	4 x C flange opening, stainless steel
EASP10010030	Plain sides, acid-proof steel

Casemet Cubo E 1000 x 1200 x 300 mm

Product code	Description
EFEF10012030A	4 x C flange opening, polyester painted mild steel
EFEP10012030A	Plain sides, polyester painted mild steel
ESSP10012030	Plain sides, stainless steel
ESSF10012030	4 x C flange opening, stainless steel
EASP10012030	Plain sides, acid-proof steel

Casemet Cubo E 800 x 800 x 300 mm

Product code	Description
EFEF808030DA	3 x C flange opening, polyester painted mild steel
EFEP808030DA	Plain sides, polyester painted mild steel
ESSP808030D	Plain sides, stainless steel
ESSF808030D	3 x C flange opening, stainless steel
EASP808030D	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo E

Casemet Cubo E 800 x 1000 x 300 mm

Product code	Description
EFEF8010030DA	3 x C flange opening, polyester painted mild steel
EFEP8010030DA	Plain sides, polyester painted mild steel
ESSP8010030D	Plain sides, stainless steel
ESSF8010030D	3 x C flange opening, stainless steel
EASP8010030D	Plain sides, acid-proof steel

Casemet Cubo E 1000 x 1000 x 300 mm

Product code	Description
EFEF10010030DA	4 x C flange opening, polyester painted mild steel
EFEP10010030DA	Plain sides, polyester painted mild steel
ESSP10010030D	Plain sides, stainless steel
ESSF10010030D	4 x C flange opening, stainless steel
EASP10010030D	Plain sides, acid-proof steel

Casemet Cubo E 1000 x 1200 x 300 mm

Product code	Description
EFEF10012030DA	4 x C flange opening, polyester painted mild steel
EFEP10012030DA	Plain sides, polyester painted mild steel
ESSP10012030D	Plain sides, stainless steel
ESSF10012030D	4 x C flange opening, stainless steel
EASP10012030D	Plain sides, acid-proof steel

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Casemet Cubo EO wall cabinets

IP 66

Sizes 190 x 240 x 138 – 480 x 960 x 248 mm

Casemet Cubo EO wall cabinets in brief:

- **Has flange knockouts on each side of the base**
- **Available in 22 sizes**
- **Door fitted with a quarter-turn slotted fastener**
- **The door can be opened 110º**
- **Has fixed M8 inserts for a mounting plate in the bottom of the base**
- **Has M6 bolt for earthing on one side of the base and two M6 bolts in the door, for earthing**
- **Excellent choice for creating larger assemblies.**

Contents of the product package:

- **Enclosure base**
- **Door**
- **M8 mounting screws and earthing accessories**
- **Slotted lock**

Customising services available for this product:

- **Machining**
- **Prints**
- **Colour service**
- **Assembly of components**

Further information on our customising services is available on page 12.

The enclosures include flange knockouts on all four sides.

Conformity	
Steel enclosures:	CE ✔ RoHS Ⓕ
Technical information	
Degree of protection:	IP 66
Impact resistance:	IK 09 (-25 °C... +35 °C)
Material	
Base/door:	Polyester painted mild steel
Gasket:	PUR (polyurethane)
Mounting plate:	Galvanised steel
Knockout alternatives	
Polyester painted mild steel cabinets:	Flange knockouts
Standard colour	
Polyester painted mild steel cabinets:	Grey RAL7035

Material based technical information available on page 5.

Casemet Cubo EO wall cabinets

Casemet Cubo EO wall cabinets, flange knockouts, polyester painted mild steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
EOK192414A	4 x B flange knockout	190	240	138	123	118	1
EOJ192814A	2 x B flange knockout + 2 x C flange knockout	190	280	138	123	118	1
EOJ192819A	2 x B flange knockout + 2 x C flange knockout	190	280	193	178	173	1
EOM193814A	2 x B flange knockout + 2 x C flange knockout	190	380	138	123	118	1
EOM193819A	2 x B flange knockout + 2 x C flange knockout	190	380	193	178	173	1
EOL242814A	2 x B flange knockout + 2 x C flange knockout	240	280	138	123	118	1
EOO282814A	4 x C flange knockout	280	280	138	123	118	1
EOO282819A	4 x C flange knockout	280	280	193	178	173	1
EOP283814A	4 x C flange knockout	280	380	138	123	118	1
EOP283819A	4 x C flange knockout	280	380	193	178	173	1
EOT285614A	6 x C flange knockout	280	560	138	123	118	1
EOT285619A	6 x C flange knockout	280	560	193	178	173	1
EOR383814A	4 x C flange knockout	380	380	138	123	118	1
EOR383819A	4 x C flange knockout	380	380	193	178	173	1
EOU385614A	6 x C flange knockout	380	560	138	123	118	1
EOU385619A	6 x C flange knockout	380	560	193	178	173	1
EOU385625A	6 x C flange knockout	380	560	248	233	228	1
EOV388419A	8 x C flange knockout	380	840	193	178	173	1
EOV388425A	8 x C flange knockout	380	840	248	233	228	1
EOY484825A	4 x C flange knockout	480	480	248	233	228	1
EOZ487625A	6 x C flange knockout	480	760	248	233	228	1
EOQ489625A	6 x C flange knockout	480	960	248	233	228	1

EOJ192814A

EOR383814A

Mounting plates, galvanized steel

Product code	Description	Dimensions (mm)	Package size (pcs)
EOK1	For 190 x 240 mm enclosures	140 x 190 x 1.5	1
EOJ1	For 190 x 280 mm enclosures	140 x 230 x 1.5	1
EOM1	For 190 x 380 mm enclosures	140 x 330 x 1.5	1
EOL1	For 240 x 280 mm enclosures	190 x 230 x 1.5	1
EOO1	For 280 x 280 mm enclosures	230 x 230 x 1.5	1
EOP1	For 280 x 380 mm enclosures	230 x 330 x 1.5	1
EOT1	For 280 x 560 mm enclosures	230 x 510 x 1.5	1
EOR1	For 380 x 380 mm enclosures	330 x 330 x 1.5	1
EOU1	For 380 x 560 mm enclosures, 1.5 mm thick	330 x 510 x 1.5	1
EOU3	For 380 x 560 mm enclosures, 2.5 mm thick	330 x 510 x 2.5	1
EOV1	For 380 x 840 mm enclosures, 1.5 mm thick	330 x 790 x 1.5	1
EOV3	For 380 x 840 mm enclosures, 2.5 mm thick	330 x 790 x 2.5	1
EOY1	For 480 x 480 mm enclosures	430 x 430 x 1.5	1
EOZ1	For 480 x 760 mm enclosures, 1.5 mm thick	430 x 710 x 1.5	1
EOZ3	For 480 x 760 mm enclosures, 2.5 mm thick	430 x 710 x 2.5	1
EOQ1	For 480 x 960 mm enclosures, 1.5 mm thick	430 x 910 x 1.5	1
EOQ3	For 480 x 960 mm enclosures, 2.5 mm thick	430 x 910 x 2.5	1

EOJ1

Casemet Cubo EO wall cabinets

Other fittings

Product code	Description	Dimensions (mm)	Package size (pcs)
Lock alternatives			
EO71.04	Adapter for padlock	-	1
EO71.05	Adapter for padlock incl. T handle	-	1
EO71.06	DIN 3 lock	DIN 3	1
EO71.07	T handle lock	△ 10/M5	1
OLT42KEY	Key for DIN 3 lock	50 x 53 x ø22	1
Accessories for flanges			
EO72.07	Fastening bolt set, size B	M6	1
EO72.08	Fastening bolt set, size C	M8	1
EO72.10	Counter rib M6 for B size flange	M6	1
EO72.11	Counter rib M8 for C size flange	M8	1
Fastening lugs			
EOFL2.20	Fastening lugs, set of 4 pcs, 20 mm high	20	1
EOFL2.50	Fastening lugs, set of 4 pcs, 50 mm high	50	1
Other fittings			
EVF2A	Ventilation flange, size C	93 x 222 x 7.5	1
EDS2	Door stopper, set, galvanized steel	-	1

Adapter for padlock, EO71.04.

Adapter for padlock incl. T handle, EO71.05.

DIN 3 lock, EO71.06.

T handle lock, EO71.07.

Key for DIN 3 lock, OLT42KEY.

Fastening bolt set, size B, EO72.07.

Counter rib M6 for B size flange, EO72.10.

Fastening lug set, 20 mm high, EOFL2.20.

Ventilation flange, size C, EVF2A.
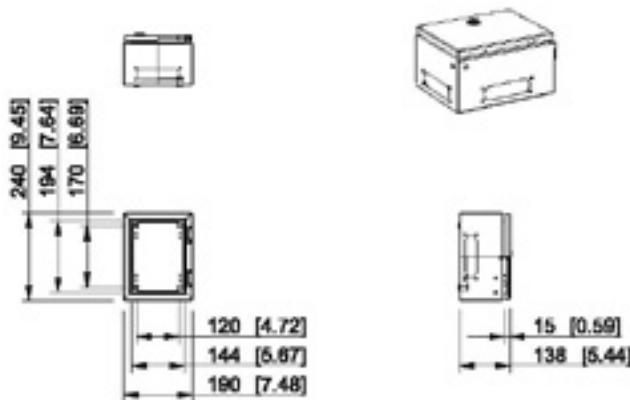
Door stopper, set , EDS2.

Dimensional drawings, Casemet Cubo EO
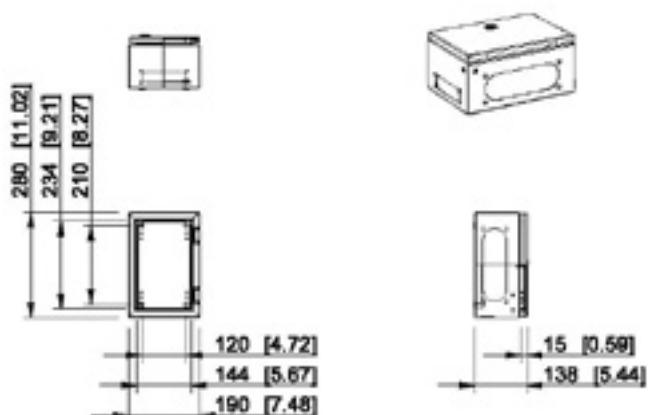
Casemet Cubo EO 190 x 240 x 138 mm
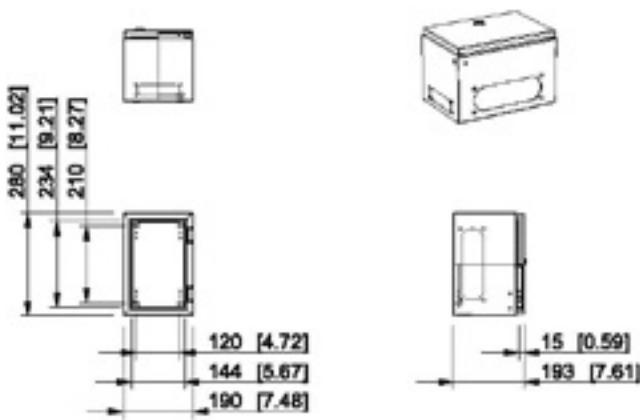
Product code	Description
EOK192414A	4 x B flange knockout

Casemet Cubo EO 190 x 280 x 138 mm
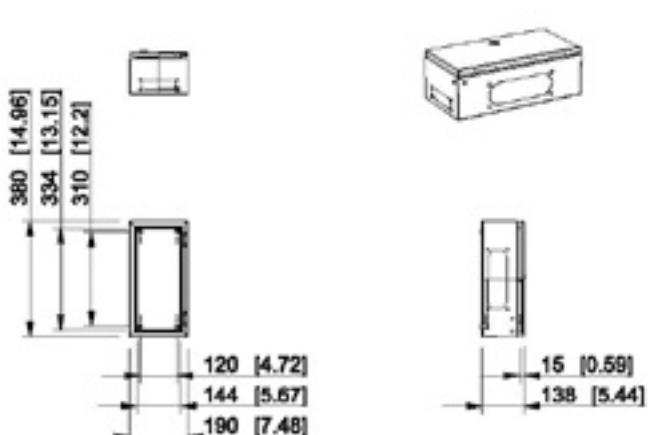
Product code	Description
EOJ192814A	2 x B flange knockout + 2 x C flange knockout

Casemet Cubo EO 190 x 280 x 193 mm
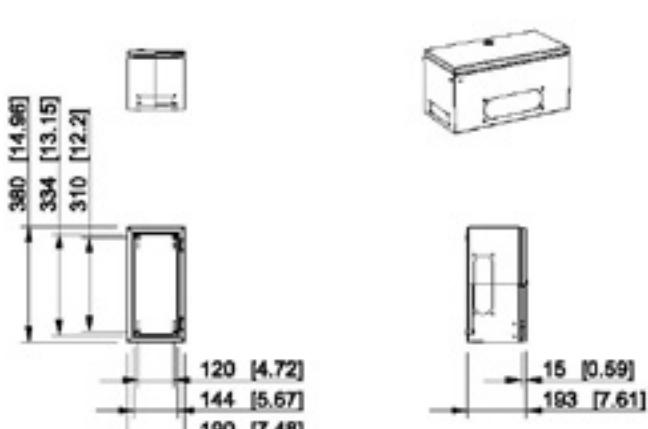
Product code	Description
EOJ192819A	2 x B flange knockout + 2 x C flange knockout

Casemet Cubo EO 190 x 380 x 138 mm
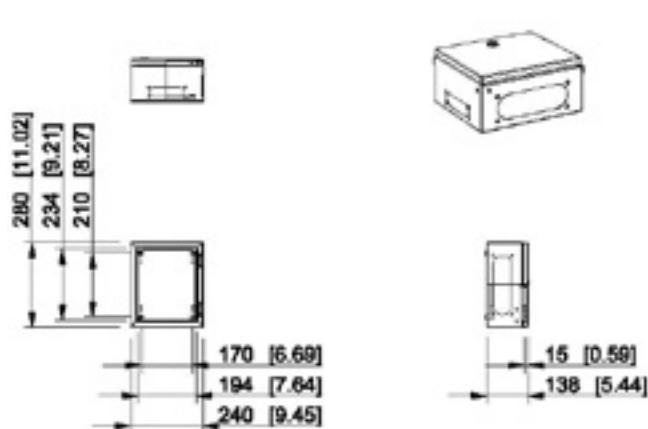
Product code	Description
EOM193814A	2 x B flange knockout + 2 x C flange knockout

Casemet Cubo EO 190 x 380 x 193 mm

Product code	Description
EOM193819A	2 x B flange knockout + 2 x C flange knockout

Casemet Cubo EO 240 x 280 x 138 mm
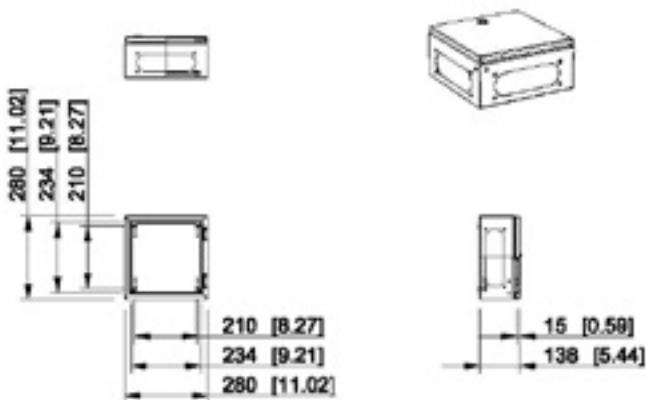
Product code	Description
EOL242814A	2 x B flange knockout + 2 x C flange knockout

Technical drawings, Casemet Cubo EO

Casemet Cubo EO 280 x 280 x 138 mm

280 [11.02] 234 [9.21] 210 [8.27]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
138 [5.44]

Product code	Description
EOO282814A	4 x C flange knockout

Casemet Cubo EO 280 x 280 x 193 mm

280 [11.02] 234 [9.21] 210 [8.27]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
193 [7.61]

Product code	Description
EOO282819A	4 x C flange knockout

Casemet Cubo EO 280 x 380 x 138 mm

380 [14.96] 334 [13.15] 310 [12.2]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
138 [5.44]
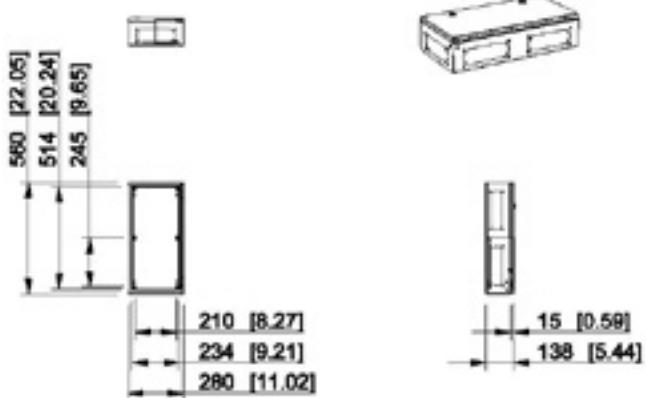
Product code	Description
EOP283814A	4 x C flange knockout

Casemet Cubo EO 280 x 380 x 193 mm

380 [14.96] 334 [13.15] 310 [12.2]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
193 [7.61]
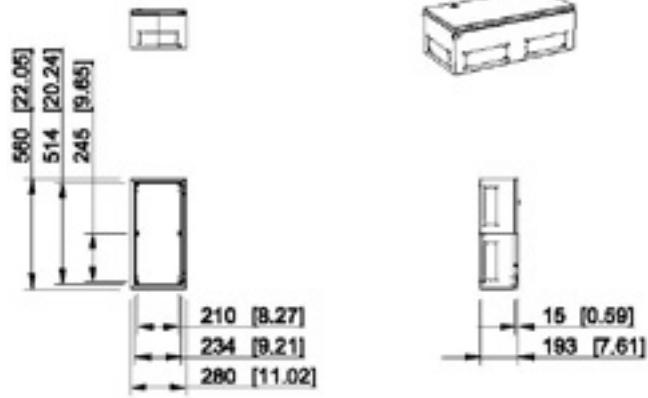
Product code	Description
EOP283819A	4 x C flange knockout

Casemet Cubo EO 280 x 560 x 138 mm

560 [22.05] 514 [20.24] 245 [9.65]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
138 [5.44]

Product code	Description
EOT285614A	6 x C flange knockout

Casemet Cubo EO 280 x 560 x 193 mm

560 [22.05] 514 [20.24] 245 [9.65]

210 [8.27]
234 [9.21]
280 [11.02]

15 [0.59]
193 [7.61]
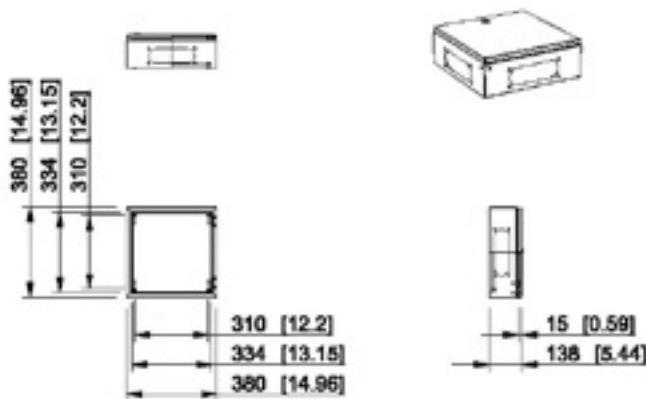
Product code	Description
EOT285619A	6 x C flange knockout

Technical drawings, Casemet Cubo EO

Casemet Cubo EO 380 x 380 x 138 mm

380 [14.96]
334 [13.15]
310 [12.2]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
138 [5.44]
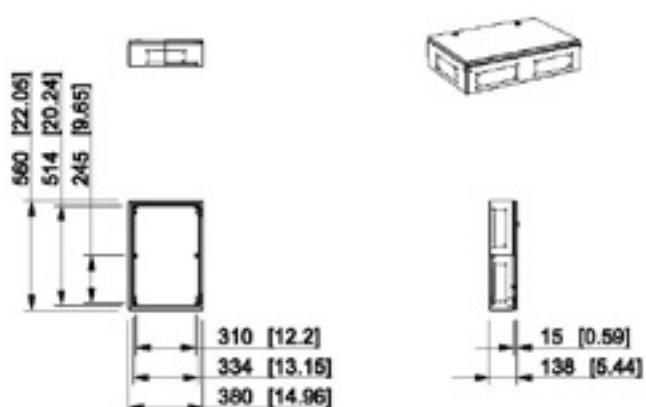
Product code	Description
EOR383814A	4 x C flange knockout

Casemet Cubo EO 380 x 380 x 193 mm

380 [14.96]
334 [13.15]
310 [12.2]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
193 [7.61]
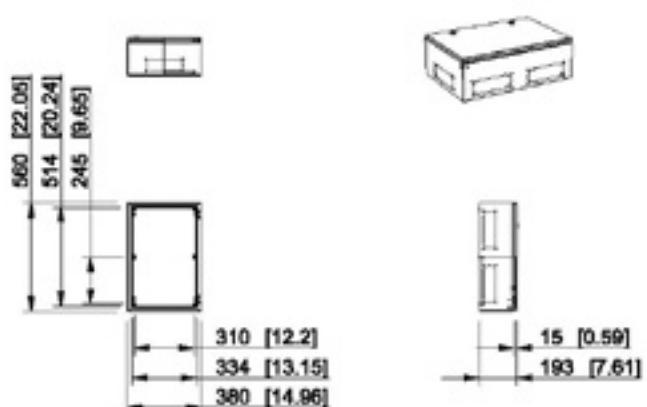
Product code	Description
EOR383819A	4 x C flange knockout

Casemet Cubo EO 380 x 560 x 138 mm

560 [22.05]
514 [20.24]
245 [9.65]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
138 [5.44]
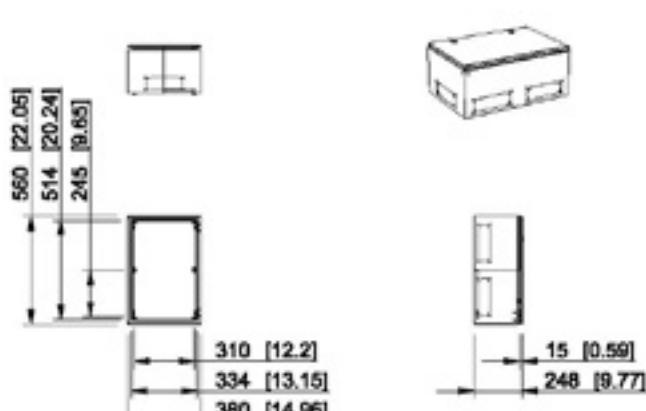
Product code	Description
EOU385614A	6 x C flange knockout

Casemet Cubo EO 380 x 560 x 193 mm

560 [22.05]
514 [20.24]
245 [9.65]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
193 [7.61]
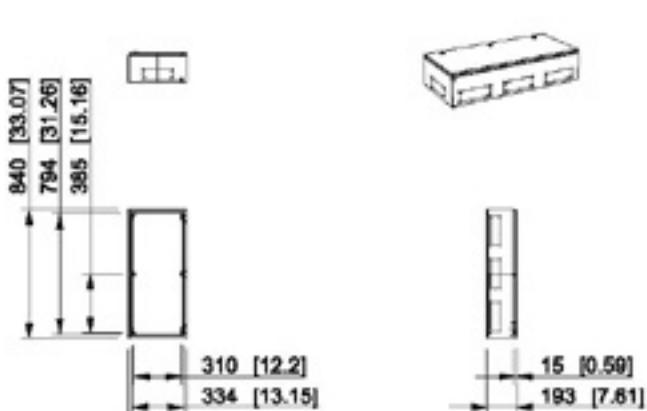
Product code	Description
EOU385619A	6 x C flange knockout

Casemet Cubo EO 380 x 560 x 248 mm

560 [22.05]
514 [20.24]
245 [9.65]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
248 [9.77]

Product code	Description
EOU385625A	6 x C flange knockout

Casemet Cubo EO 380 x 840 x 193 mm

840 [33.07]
794 [31.26]
385 [15.16]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
193 [7.61]
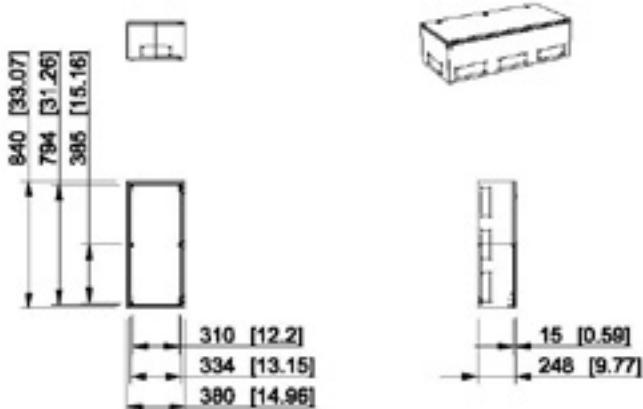
Product code	Description
EOV388419A	8 x C flange knockout

Technical drawings, Casemet Cubo EO

Casemet Cubo EO 380 x 840 x 248 mm

840 [33.07]
794 [31.26]
385 [15.16]

310 [12.2]
334 [13.15]
380 [14.96]

15 [0.59]
248 [9.77]
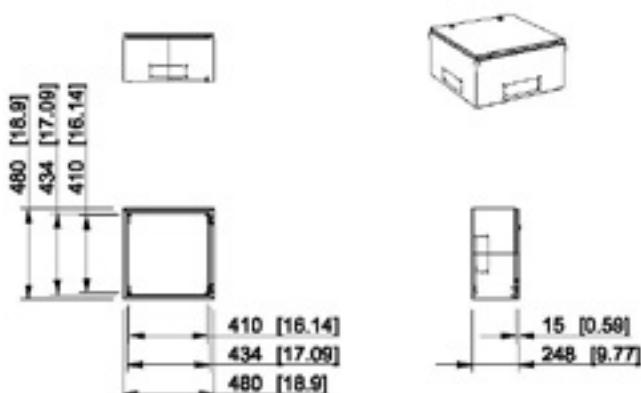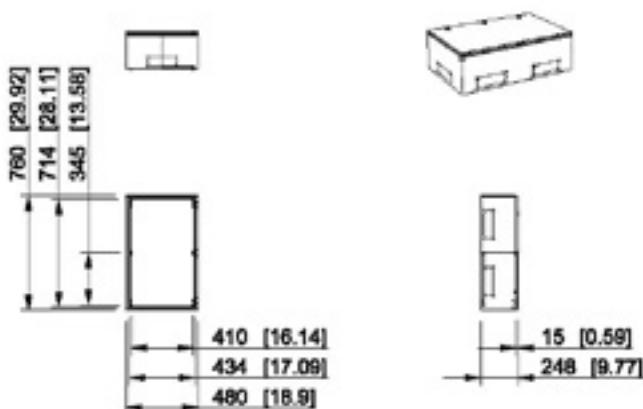
Product code	Description
EOV388425A	8 x C flange knockout

Casemet Cubo EO 480 x 480 x 248 mm

480 [18.9]
434 [17.09]
410 [16.14]

410 [16.14]
434 [17.09]
480 [18.9]

15 [0.59]
248 [9.77]
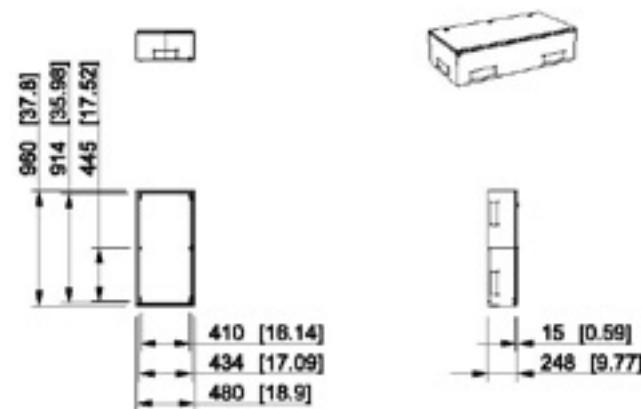
Product code	Description
EOY484825A	4 x C flange knockout

Casemet Cubo EO 480 x 760 x 248 mm

760 [29.92]
714 [28.11]
345 [13.58]

410 [16.14]
434 [17.09]
480 [18.9]

15 [0.59]
248 [9.77]

Product code	Description
EOZ487625A	6 x C flange knockout

Casemet Cubo EO 480 x 960 x 248 mm

960 [37.8]
914 [35.98]
445 [17.52]

410 [16.14]
434 [17.09]
480 [18.9]

15 [0.59]
248 [9.77]

Product code	Description
EOQ489625A	6 x C flange knockout

Casemet Cubo F terminal enclosures

IP 66

Sizes 150 x 150 x 80 – 800 x 400 x 120 mm

Casemet Cubo F terminal enclosure in brief:

- **Has plain sides**
- **120 mm deep polyester painted enclosures are also available with flange openings or polycarbonate window as standard**
- **Available in 30 sizes and in two base depth alternatives**
- **Small push button enclosures also available in four sizes**
- **Include a perforated support for DIN rail or mounting plate enabling the maximum use of all sides of the enclo sure for cable entries**
- **Has M6 bolt for earthing on one side of the base**
- **Customer-specific dimensionings also available in small volumes at competitive prices**
- **All versions can be supplied with hinges**
- **Polyester painted enclosures with wall mounting holes. Stainless and acid-proof steel versions with drill marks only.**

Contents of the product package:

- **Enclosure base**
- **Cover**
- **Cover screws with gaskets and cage nuts**
- **Cover plugs for mounting holes**
- **A M6 nut and a washer for earthing**
- **Earth marks**
- **Models with flange openings include also cover plates, bolts and washers**

Customising services available for this product:

- **Customer-specific dimensions**
- **Machining**
- **Colour service**
- **Assembly of components**

Further information on our customising services is available on page 12.

Conformity	
Steel enclosures:	CE ✓ FI UL DNV·GL

Technical information	
Degree of protection:	IP66 IP65, with two cover screws
Impact resistance:	IK 09 (-25 °C... +35 °C), models with window IK 07 (-5 °C...+80 °C)

Material	
Base/cover:	Polyester painted mild steel, stainless steel AISI304 or acid-proof steel AISI316L
Gasket:	PUR (polyurethane)
Cover screw gasket:	Dryflex (SEBS)

Knockout alternatives	
Polyester painted enclosures:	Plain sides, flange openings
Enclosures made of stainless steel:	Plain sides
Enclosures made of acid-proof steel:	Plain sides

Standard colour	
Polyester painted enclosures:	Grey RAL7035

Material based technical information available on page 5.

These enclosures include a perforated support for a DIN rail or mounting plate as standard. The optimised mounting supports enable the maximum use of all sides of the enclosure for cable entries.

120 mm deep polyester painted enclosures are also available with flange openings. The product package includes cover plates, bolts and washers.

Casemet Cubo F terminal enclosures, plain sides, polyester painted mild steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FFUP151508A	Plain sides	150	150	80	65	63.5	1
FFUP202008A	Plain sides	200	200	80	65	63.5	1
FFUP301508A	Plain sides	300	150	80	65	63.5	1
FFUP302008A	Plain sides	300	200	80	65	63.5	1
FFUP303008A	Plain sides	300	300	80	65	63.5	1
FFUP402008A	Plain sides	400	200	80	65	63.5	1
FFUP403008A	Plain sides	400	300	80	65	63.5	1
FFUP404008A	Plain sides	400	400	80	65	63.5	1
FFUP502008A	Plain sides	500	200	80	65	63.5	1
FFUP503008A	Plain sides	500	300	80	65	63.5	1
FFUP602008A	Plain sides	600	200	80	65	63.5	1
FFUP603008A	Plain sides	600	300	80	65	63.5	1
FFUP604008A	Plain sides	600	400	80	65	63.5	1
FFUP802008A	Plain sides	800	200	80	65	63.5	1
FFUP804008A	Plain sides	800	400	80	65	63.5	1
FFUP151512A	Plain sides	150	150	120	105	103.5	1
FFUP202012A	Plain sides	200	200	120	105	103.5	1
FFUP301512A	Plain sides	300	150	120	105	103.5	1
FFUP302012A	Plain sides	300	200	120	105	103.5	1
FFUP303012A	Plain sides	300	300	120	105	103.5	1
FFUP402012A	Plain sides	400	200	120	105	103.5	1
FFUP403012A	Plain sides	400	300	120	105	103.5	1
FFUP404012A	Plain sides	400	400	120	105	103.5	1
FFUP502012A	Plain sides	500	200	120	105	103.5	1
FFUP503012A	Plain sides	500	300	120	105	103.5	1
FFUP602012A	Plain sides	600	200	120	105	103.5	1
FFUP603012A	Plain sides	600	300	120	105	103.5	1
FFUP604012A	Plain sides	600	400	120	105	103.5	1
FFUP802012A	Plain sides	800	200	120	105	103.5	1
FFUP804012A	Plain sides	800	400	120	105	103.5	1

FFUP151508

FFUP403012A

Casemet Cubo F terminal enclosures, plain sides, stainless steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FSUP151508	Plain sides	150	150	80	65	63.5	1
FSUP202008	Plain sides	200	200	80	65	63.5	1
FSUP301508	Plain sides	300	150	80	65	63.5	1
FSUP302008	Plain sides	300	200	80	65	63.5	1
FSUP303008	Plain sides	300	300	80	65	63.5	1
FSUP402008	Plain sides	400	200	80	65	63.5	1
FSUP403008	Plain sides	400	300	80	65	63.5	1
FSUP404008	Plain sides	400	400	80	65	63.5	1
FSUP502008	Plain sides	500	200	80	Base	63.5	1
FSUP503008	Plain sides	500	300	80	65	63.5	1
FSUP602008	Plain sides	600	200	80	65	63.5	1
FSUP603008	Plain sides	600	300	80	65	63.5	1
FSUP604008	Plain sides	600	400	80	65	63.5	1
FSUP802008	Plain sides	800	200	80	65	63.5	1
FSUP804008	Plain sides	800	400	80	65	63.5	1
FSUP151512	Plain sides	150	150	120	105	103.5	1
FSUP202012	Plain sides	200	200	120	105	103.5	1
FSUP301512	Plain sides	300	150	120	105	103.5	1
FSUP302012	Plain sides	300	200	120	105	103.5	1
FSUP303012	Plain sides	300	300	120	105	103.5	1
FSUP402012	Plain sides	400	200	120	105	103.5	1
FSUP403012	Plain sides	400	300	120	105	103.5	1
FSUP404012	Plain sides	400	400	120	105	103.5	1
FSUP502012	Plain sides	500	200	120	105	103.5	1
FSUP503012	Plain sides	500	300	120	105	103.5	1
FSUP602012	Plain sides	600	200	120	105	103.5	1
FSUP603012	Plain sides	600	300	120	105	103.5	1
FSUP604012	Plain sides	600	400	120	105	103.5	1
FSUP802012	Plain sides	800	200	120	105	103.5	1
FSUP804012	Plain sides	800	400	120	105	103.5	1

FSUP151508

FSUP403012A

Casemet Cubo F terminal enclosures, plain sides, acid-proof steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FAUP151508	Plain sides	150	150	80	65	63.5	1
FAUP202008	Plain sides	200	200	80	65	63.5	1
FAUP301508	Plain sides	300	150	80	65	63.5	1
FAUP302008	Plain sides	300	200	80	65	63.5	1
FAUP303008	Plain sides	300	300	80	65	63.5	1
FAUP402008	Plain sides	400	200	80	65	63.5	1
FAUP403008	Plain sides	400	300	80	65	63.5	1
FAUP404008	Plain sides	400	400	80	65	63.5	1
FAUP502008	Plain sides	500	200	80	65	63.5	1
FAUP503008	Plain sides	500	300	80	65	63.5	1
FAUP602008	Plain sides	600	200	80	65	63.5	1
FAUP603008	Plain sides	600	300	80	65	63.5	1
FAUP604008	Plain sides	600	400	80	65	63.5	1
FAUP802008	Plain sides	800	200	80	65	63.5	1
FAUP804008	Plain sides	800	400	80	65	63.5	1
FAUP151512	Plain sides	150	150	120	105	103.5	1
FAUP202012	Plain sides	200	200	120	105	103.5	1
FAUP301512	Plain sides	300	150	120	105	103.5	1
FAUP302012	Plain sides	300	200	120	105	103.5	1
FAUP303012	Plain sides	300	300	120	105	103.5	1
FAUP402012	Plain sides	400	200	120	105	103.5	1
FAUP403012	Plain sides	400	300	120	105	103.5	1
FAUP404012	Plain sides	400	400	120	105	103.5	1
FAUP502012	Plain sides	500	200	120	105	103.5	1
FAUP503012	Plain sides	500	300	120	105	103.5	1
FAUP602012	Plain sides	600	200	120	105	103.5	1
FAUP603012	Plain sides	600	300	120	105	103.5	1
FAUP604012	Plain sides	600	400	120	105	103.5	1
FAUP802012	Plain sides	800	200	120	105	103.5	1
FAUP804012	Plain sides	800	400	120	105	103.5	1

FAUP151508

FAUP403012

Casemet Cubo F terminal enclosures

Casemet Cubo F terminal enclosures, flange openings, polyester painted mild steel
Flange opening size: 192 x 62 mm

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FFUF301512A	Flanges/side 1 + 1 + 0 + 0	300	150	120	105	103.5	1
FFUF302012A	Flanges/side 1 + 1 + 0 + 0	300	200	120	105	103.5	1
FFUF303012A	Flanges/side 1 + 1 + 1 + 1	300	300	120	105	103.5	1
FFUF402012A	Flanges/side 1 + 1 + 0 + 0	400	200	120	105	103.5	1
FFUF403012A	Flanges/side 1 + 1 + 1 + 1	400	300	120	105	103.5	1
FFUF404012A	Flanges/side 1 + 1 + 1 + 1	400	400	120	105	103.5	1
FFUF502012A	Flanges/side 2 + 2 + 0 + 0	500	200	120	105	103.5	1
FFUF503012A	Flanges/side 2 + 2 + 1 + 1	500	300	120	105	103.5	1
FFUF602012A	Flanges/side 2 + 2 + 0 + 0	600	200	120	105	103.5	1
FFUF603012A	Flanges/side 2 + 2 + 1 + 1	600	300	120	105	103.5	1
FFUF604012A	Flanges/side 2 + 2 + 1 + 1	600	400	120	105	103.5	1
FFUF802012A	Flanges/side 3 + 3 + 0 + 0	800	200	120	105	103.5	1
FFUF804012A	Flanges/side 3 + 3 + 1 + 1	800	400	120	105	103.5	1

FFUF303012A

Casemet Cubo F terminal enclosures, polycarbonate window, polyester painted mild steel

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FFUW202012A	Window size: 120 x 120 mm	200	200	120	105	101.5	1
FFUW302012A	Window size: 220 x 120 mm	300	200	120	105	101.5	1
FFUW402012A	Window size: 320 x 120 mm	400	200	120	105	101.5	1
FFUW502012A	Window size: 420 x 120 mm	500	200	120	105	101.5	1
FFUW602012A	Window size: 520 x 120 mm	600	200	120	105	101.5	1
FFUW802012A	Window size: 720 x 120 mm	800	200	120	105	101.5	1

FFUW302012A

Casemet Cubo F enclosures with push button openings

Components installed in pre-fabricated openings can decrease the final degree of protection.

Product code	Description	External dimensions (mm)				Inner depth (mm)	Package size (pcs)
		Width	Height	Depth	Base depth		
FSPB101009	1 push button opening	100	100	90	75	73.5	1
FSPB161009	2 push button openings	160	100	90	75	73.5	1
FSPB221009	3 push button openings	220	100	90	75	73.5	1
FSPB281009	4 push button openings	280	100	90	75	73.5	1

FSPB221009

Casemet Cubo F terminal enclosures

Mounting plates and DIN rails

Product code	Description	Dimensions (mm)	Package size (pcs)
Mounting plates, galvanized steel			
FMP1515	For 150 x 150 mm enclosures	135 x 100 x 2	10
FMP2020	For 200 x 200 mm enclosures	185 x 150 x 2	10
FMP3015	For 300 x 150 mm enclosures	285 x 100 x 2	10
FMP3020	For 300 x 200 mm enclosures	285 x 150 x 2	10
FMP3030	For 300 x 300 mm enclosures	285 x 250 x 2	10
FMP4020	For 400 x 200 mm enclosures	385 x 150 x 2	10
FMP4030	For 400 x 300 mm enclosures	385 x 250 x 2	5
FMP4040	For 400 x 400 mm enclosures	385 x 350 x 2	5
FMP5020	For 500 x 200 mm enclosures	485 x 150 x 2	5
FMP5030	For 500 x 300 mm enclosures	485 x 250 x 2	5
FMP6020	For 600 x 200 mm enclosures	585 x 150 x 2	5
FMP6030	For 600 x 300 mm enclosures	585 x 250 x 2	5
FMP6040	For 600 x 400 mm enclosures	585 x 350 x 2	5
FMP8020	For 800 x 200 mm enclosures	785 x 150 x 2	5
FMP8040	For 800 x 400 mm enclosures	785 x 350 x 2	5
DIN rails, galvanized steel			
DK3515	For 150 mm side	35 x 140	10
DK3520	For 200 mm side	35 x 190	10
DK3530	For 300 mm side	35 x 290	10
DK3540	For 400 mm side	35 x 390	10
DK3550	For 500 mm side	35 x 490	5
DK3560	For 600 mm side	35 x 590	5
DK3580	For 800 mm side	35 x 790	5

FMP1515

Other accessories

Product code	Description	Dimensions (mm)	Package size (pcs)
FFUF1A	Cover plate	84 x 214 x 2	1
FHI2	Hinge pair, stainless steel	30 x 15 x 11	1
EFFL2.20	Fastening lugs, 20 mm high, set of 4 pcs	depth 20 mm	1
EFFL2.50	Fastening lugs, 50 mm high, set of 4 pcs	depth 50 mm	1
FFL1	Fastening lugs, 10 mm high, set of 4 pcs	depth 10 mm	1
FFL2	Fastening lugs, 10 mm high, set of 4 pcs	depth 10 mm	1
FFFL3.20	Fastening lugs, 20 mm high, set of 4 pcs	depth 20 mm	1

Cover plate, FFUF1A.

Hinge pair, FHI2.

Fastening lug set, 20 mm high, EFFL2.20.
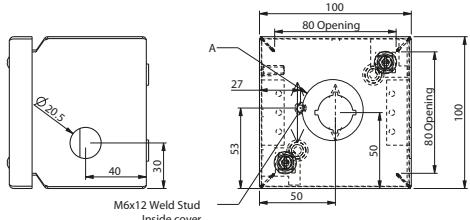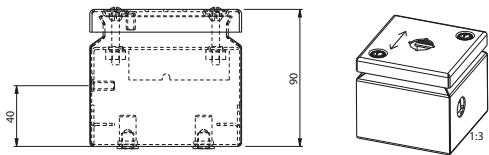
Fastening lug set, 20 mm high, EFFL3.20.

Dimensional drawings, Casemet Cubo F
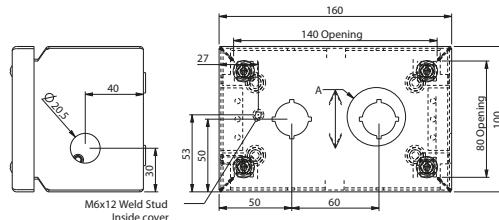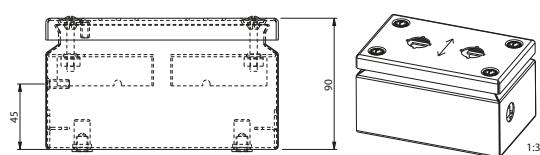
Dimensions mm [inch]

Casemet Cubo F 100 x 100 x 90 mm
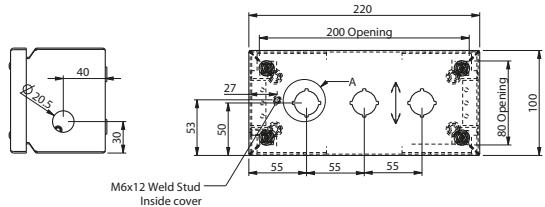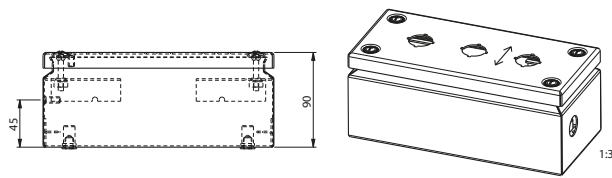
Product code	Description
FSPB101009	1 push button opening

Casemet Cubo F 100 x 160 x 90 mm
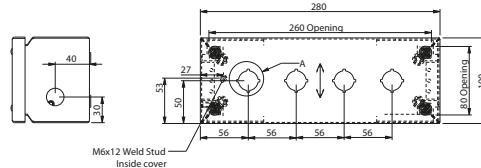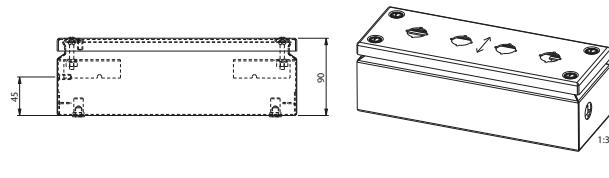
Product code	Description
FSPB161009	2 push button openings

Casemet Cubo F 100 x 220 x 90 mm
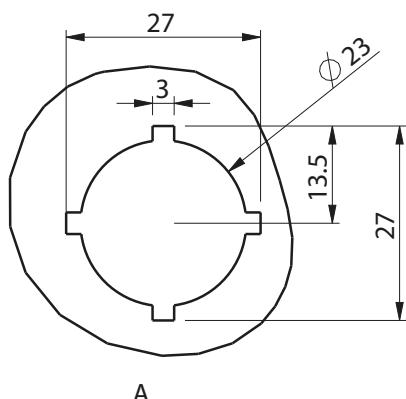
Product code	Description
FSPB221009	3 push button openings

Casemet Cubo F 100 x 280 x 90 mm
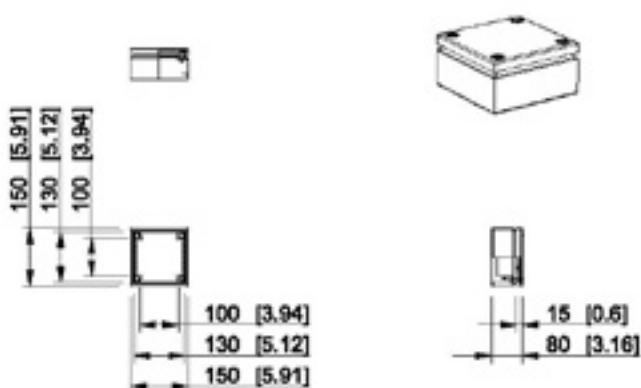
Product code	Description
FSPB281009	4 push button openings

Push button enclosures, opening

Product code	Description
FSPB101009	1 push button opening
FSPB161009	2 push button openings
FSPB221009	3 push button openings
FSPB281009	4 push button openings

Casemet Cubo F 150 x 150 x 80 mm
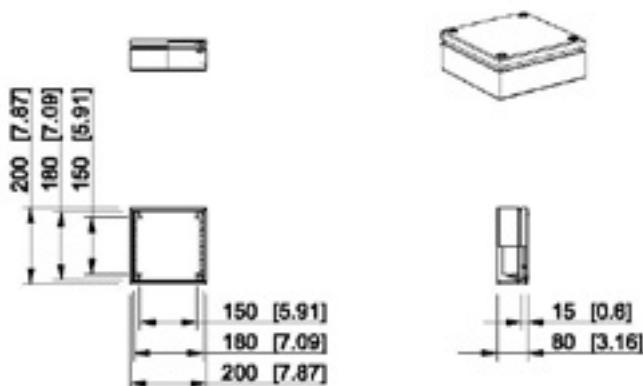
Product code	Description
FFUP151508A	Plain sides, polyester painted mild steel
FSUP151508	Plain sides, stainless steel
FAUP151508	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo F
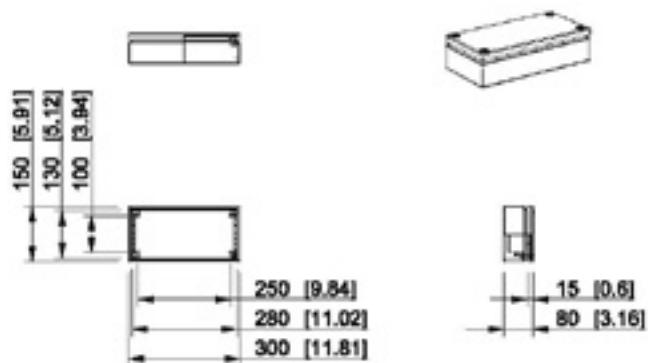
Casemet Cubo F 200 x 200 x 80 mm
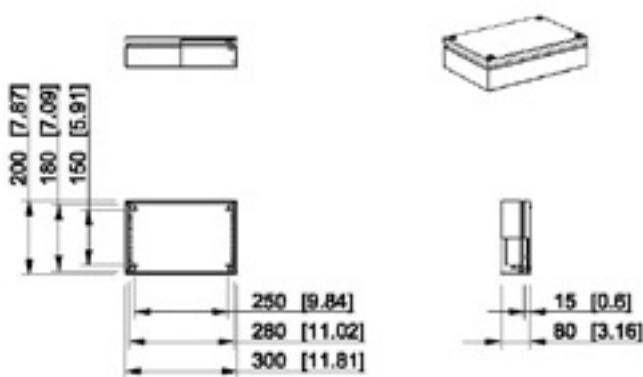
| Product code	Description
FFUP202008A	Plain sides, polyester painted mild steel
FSUP202008	Plain sides, stainless steel
FAUP202008	Plain sides, acid-proof steel

Casemet Cubo F 300 x 150 x 80 mm
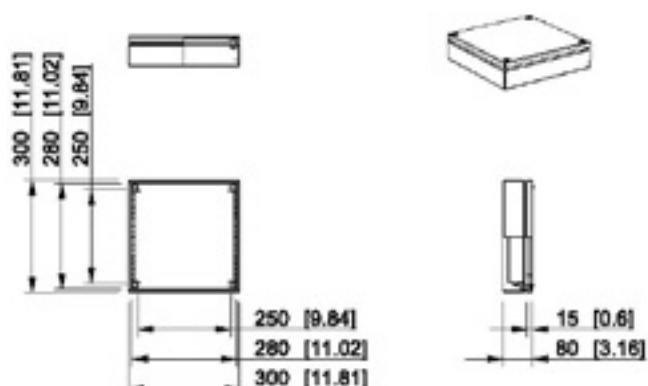
| Product code	Description
FFUP301508A	Plain sides, polyester painted mild steel
FSUP301508	Plain sides, stainless steel
FAUP301508	Plain sides, acid-proof steel

Casemet Cubo F 300 x 200 x 80 mm
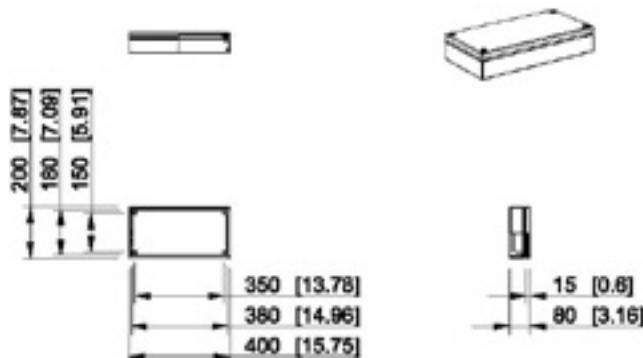
| Product code	Description
FFUP302008A	Plain sides, polyester painted mild steel
FSUP302008	Plain sides, stainless steel
FAUP302008	Plain sides, acid-proof steel

Casemet Cubo F 300 x 300 x 80 mm
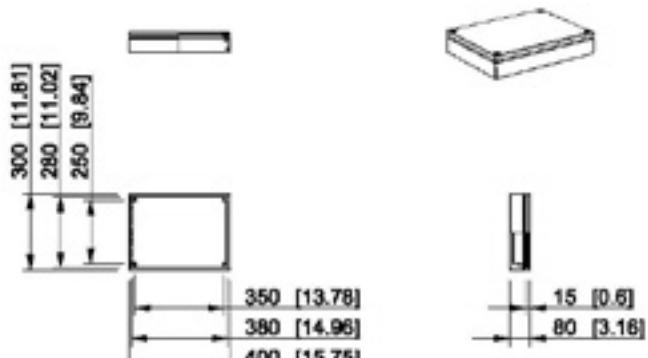
Product code	Description
FFUP303008A	Plain sides, polyester painted mild steel
FSUP303008	Plain sides, stainless steel
FAUP303008	Plain sides, acid-proof steel

Casemet Cubo F 400 x 200 x 80 mm

| Product code	Description
FFUP402008A	Plain sides, polyester painted mild steel
FSUP402008	Plain sides, stainless steel
FAUP402008	Plain sides, acid-proof steel

Casemet Cubo F 400 x 300 x 80 mm
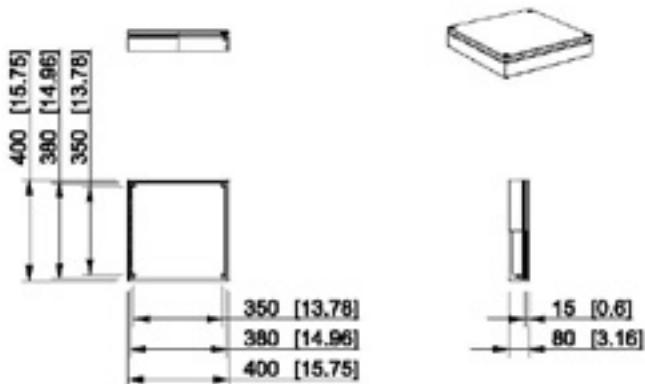
Product code	Description
FFUP403008A	Plain sides, polyester painted mild steel
FSUP403008	Plain sides, stainless steel
FAUP403008	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo F

Casemet Cubo F 400 x 400 x 80 mm

400 [15.75]
380 [14.96]
350 [13.78]

350 [13.78]
380 [14.96]
400 [15.75]

15 [0.6]
80 [3.16]
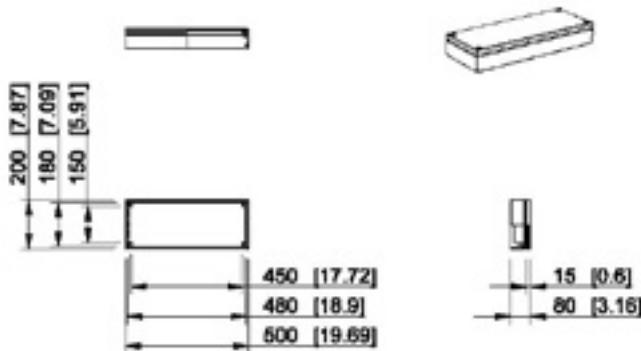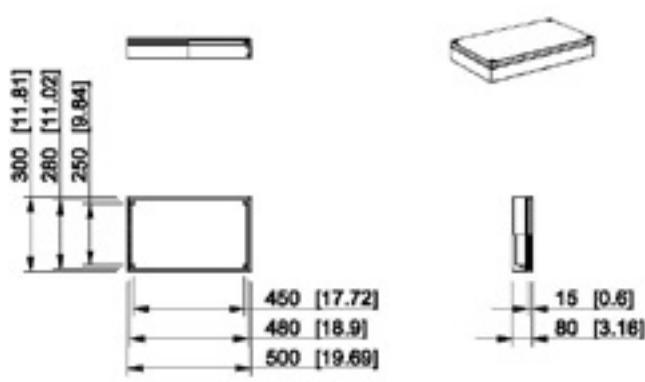
| Product code	Description
FFUP404008A	Plain sides, polyester painted mild steel
FSUP404008	Plain sides, stainless steel
FAUP404008	Plain sides, acid-proof steel

Casemet Cubo F 500 x 200 x 80 mm

200 [7.87]
180 [7.09]
150 [5.91]

450 [17.72]
480 [18.9]
500 [19.69]

15 [0.6]
80 [3.16]
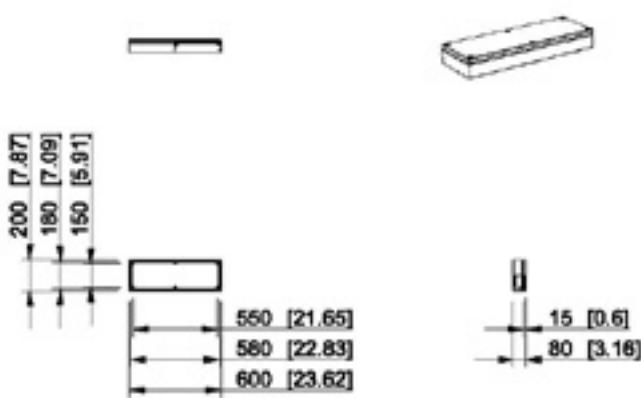
Product code	Description
FFUP502008A	Plain sides, polyester painted mild steel
FSUP502008	Plain sides, stainless steel
FAUP502008	Plain sides, acid-proof steel

Casemet Cubo F 500 x 300 x 80 mm

300 [11.81]
280 [11.02]
250 [9.84]

450 [17.72]
480 [18.9]
500 [19.69]

15 [0.6]
80 [3.16]
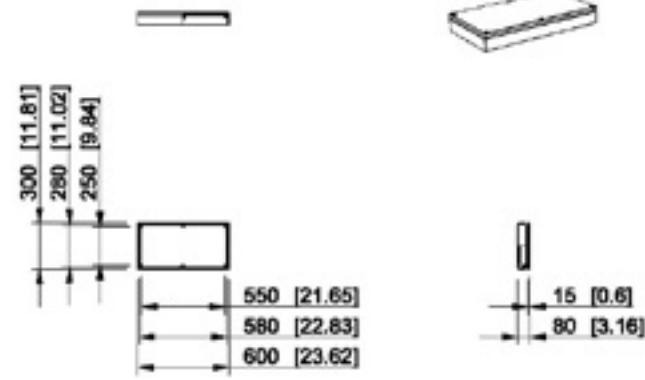
| Product code	Description
FFUP503008A	Plain sides, polyester painted mild steel
FSUP503008	Plain sides, stainless steel
FAUP503008	Plain sides, acid-proof steel

Casemet Cubo F 600 x 200 x 80 mm

200 [7.87]
180 [7.09]
150 [5.91]

550 [21.65]
580 [22.83]
600 [23.62]

15 [0.6]
80 [3.16]
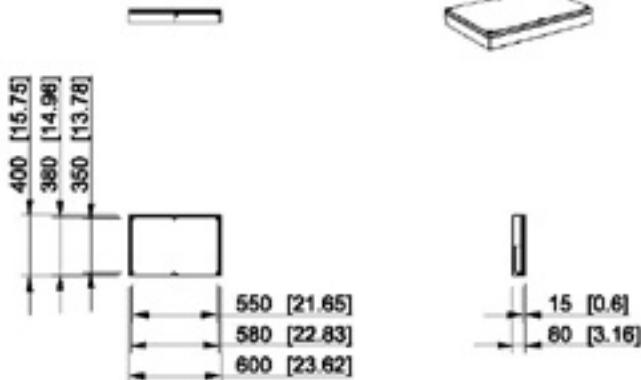
| Product code	Description
FFUP602008A	Plain sides, polyester painted mild steel
FSUP602008	Plain sides, stainless steel
FAUP602008	Plain sides, acid-proof steel

Casemet Cubo F 600 x 300 x 80 mm

300 [11.81]
280 [11.02]
250 [9.84]

550 [21.65]
580 [22.83]
600 [23.62]

15 [0.6]
80 [3.16]

| Product code	Description
FFUP603008A	Plain sides, polyester painted mild steel
FSUP603008	Plain sides, stainless steel
FAUP603008	Plain sides, acid-proof steel

Casemet Cubo F 600 x 400 x 80 mm

400 [15.75]
380 [14.96]
350 [13.78]

550 [21.65]
580 [22.83]
600 [23.62]

15 [0.6]
80 [3.16]

Product code	Description
FFUP604008A	Plain sides, polyester painted mild steel
FSUP604008	Plain sides, stainless steel
FAUP604008	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo F
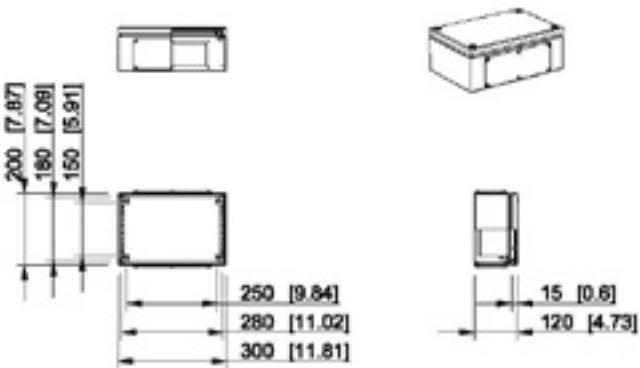
Dimensions mm [inch]

Casemet Cubo F 800 x 200 x 80 mm

| Product code	Description
FFUP802008A	Plain sides, polyester painted mild steel
FSUP802008	Plain sides, stainless steel
FAUP802008	Plain sides, acid-proof steel

Casemet Cubo F 800 x 400 x 80 mm

| Product code	Description
FFUP804008A	Plain sides, polyester painted mild steel
FSUP804008	Plain sides, stainless steel
FAUP804008	Plain sides, acid-proof steel

Casemet Cubo F 150 x 150 x 120 mm

Product code	Description
FFUP151512A	Plain sides, polyester painted mild steel
FSUP151512	Plain sides, stainless steel
FAUP151512	Plain sides, acid-proof steel

Casemet Cubo F 200 x 200 x 120 mm

Product code	Description
FFUP202012A	Plain sides, polyester painted mild steel
FSUP202012	Plain sides, stainless steel
FAUP202012	Plain sides, acid-proof steel

Casemet Cubo F 200 x 200 x 120 mm

Product code	Description
FFUW202012A	PC window 120 x 120 mm, polyester painted mild steel

Casemet Cubo F 300 x 150 x 120 mm

Product code	Description
FFUP301512A	Plain sides, polyester painted mild steel
FSUP301512	Plain sides, stainless steel
FFUF301512A	Flanges/side 1 + 1 + 0 + 0, polyester painted mild steel
FAUP301512	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo F
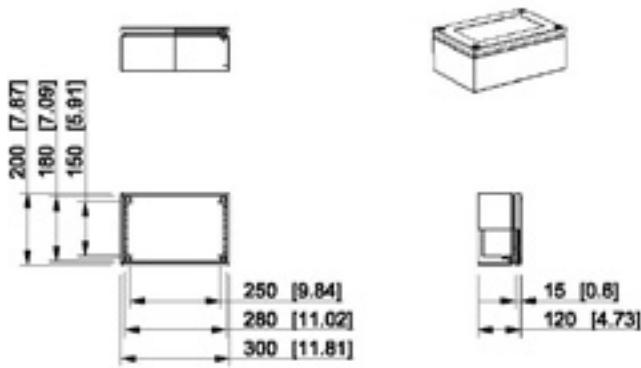
Casemet Cubo F 300 x 200 x 120 mm
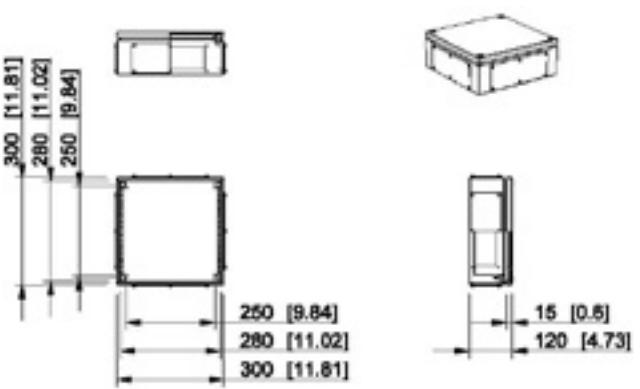
Product code	Description
FFUP302012A	Plain sides, polyester painted mild steel
FSUP302012	Plain sides, stainless steel
FFUF302012A	Flanges/side 1 + 1 + 0 + 0, polyester painted mild steel
FAUP302012	Plain sides, acid-proof steel

Casemet Cubo F 300 x 200 x 120 mm
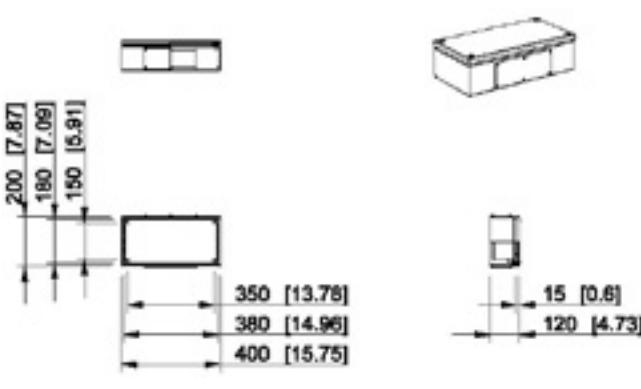
Product code	Description
FFUW302012A	PC window 220 x 120 mm, polyester painted mild steel

Casemet Cubo F 300 x 300 x 120 mm
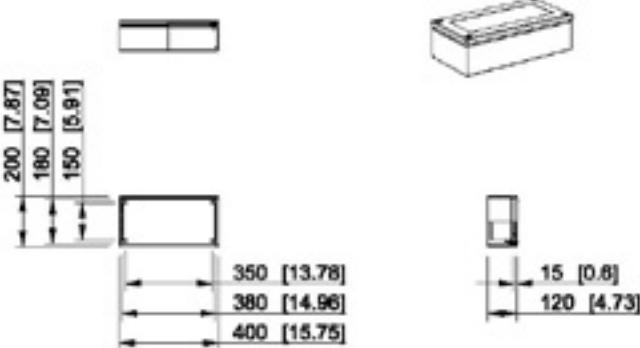
Product code	Description
FFUP303012A	Plain sides, polyester painted mild steel
FSUP303012	Plain sides, stainless steel
FFUF303012A	Flanges/side 1 + 1 + 1 + 1, polyester painted mild steel
FAUP303012	Plain sides, acid-proof steel

Casemet Cubo F 400 x 200 x 120 mm
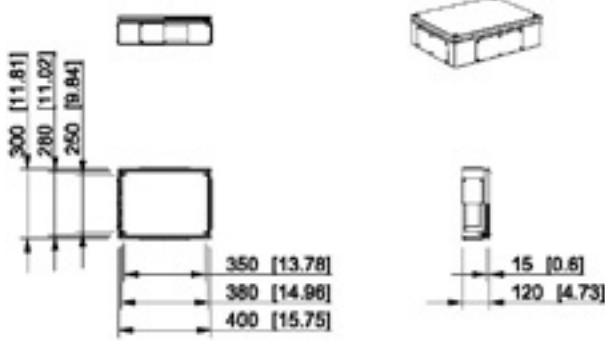
Product code	Description
FFUP402012A	Plain sides, polyester painted mild steel
FSUP402012	Plain sides, stainless steel
FFUF402012A	Flanges/side 1 + 1 + 0 + 0, polyester painted mild steel
FAUP402012	Plain sides, acid-proof steel

Casemet Cubo F 400 x 200 x 120 mm

Product code	Description
FFUW402012A	PC window 320 x 120 mm, polyester painted mild steel

Casemet Cubo F 400 x 300 x 120 mm
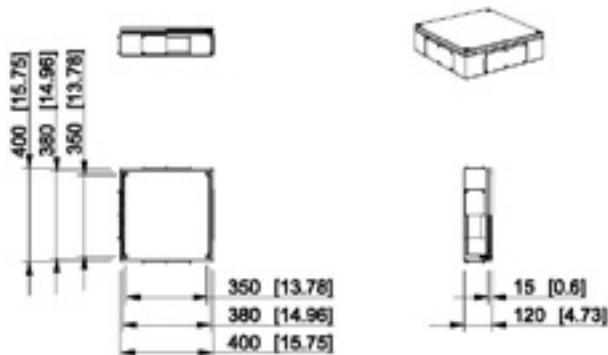
Product code	Description
FFUP403012A	Plain sides, polyester painted mild steel
FSUP403012	Plain sides, stainless steel
FFUF403012A	Flanges/side 1 + 1 + 1 + 1, polyester painted mild steel
FAUP403012	Plain sides, acid-proof steel

Dimensional drawings, Casemet Cubo F
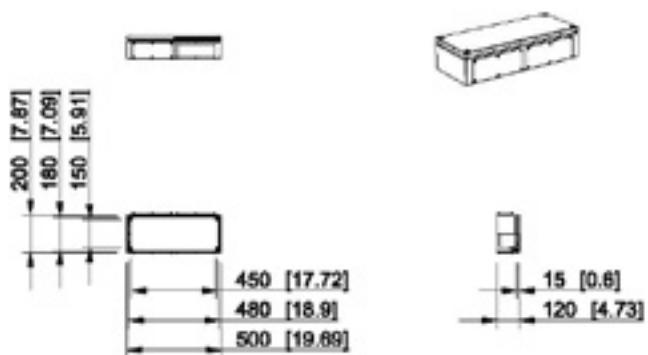
Dimensions mm [inch]

Casemet Cubo F 400 x 400 x 120 mm

400 [15.75]
380 [14.96]
350 [13.78]

350 [13.78]
380 [14.96]
400 [15.75]

15 [0.6]
120 [4.73]
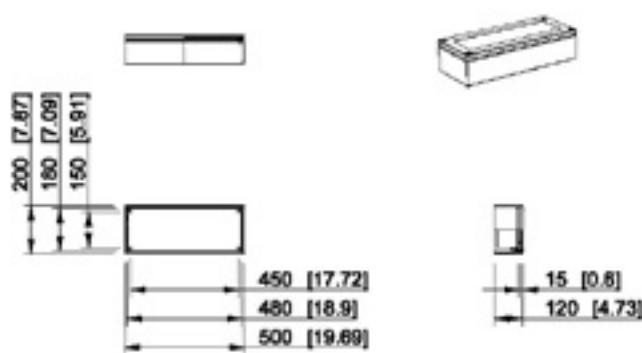
Product code	Description
FFUP404012A	Plain sides, polyester painted mild steel
FSUP404012	Plain sides, stainless steel
FFUF404012A	Flanges/side 1 + 1 + 1 + 1, polyester painted mild steel
FAUP404012	Plain sides, acid-proof steel

Casemet Cubo F 500 x 200 x 120 mm

200 [7.87]
180 [7.09]
150 [5.91]

450 [17.72]
480 [18.9]
500 [19.69]

15 [0.6]
120 [4.73]
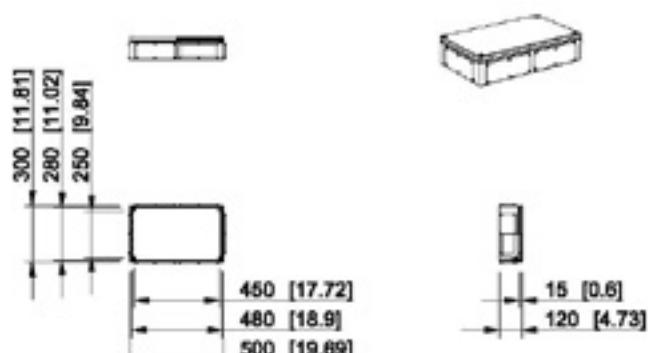
Product code	Description
FFUP502012A	Plain sides, polyester painted mild steel
FSUP502012	Plain sides, stainless steel
FFUF502012A	Flanges/side 2 + 2 + 0 + 0, polyester painted mild steel
FAUP502012	Plain sides, acid-proof steel

Casemet Cubo F 500 x 200 x 120 mm

200 [7.87]
180 [7.09]
150 [5.91]

450 [17.72]
480 [18.9]
500 [19.69]

15 [0.6]
120 [4.73]
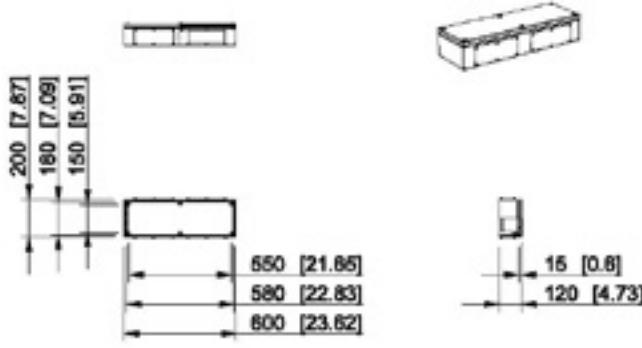
Product code	Description
FFUW502012A	PC window 420 x 120 mm, polyester painted mild steel

Casemet Cubo F 500 x 300 x 120 mm

300 [11.81]
280 [11.02]
250 [9.84]

450 [17.72]
480 [18.9]
500 [19.69]

15 [0.6]
120 [4.73]
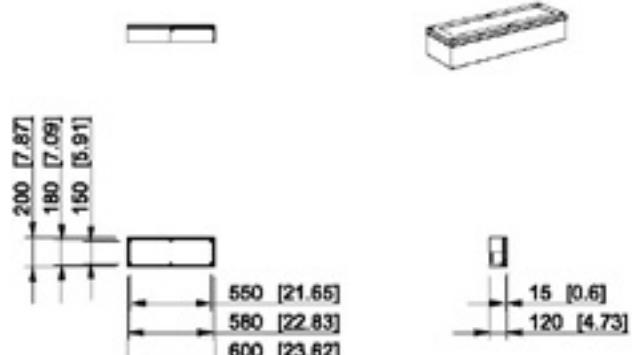
Product code	Description
FFUP503012A	Plain sides, polyester painted mild steel
FSUP503012	Plain sides, stainless steel
FFUF503012A	Flanges/side 2 + 2 + 1 + 1, polyester painted mild steel
FAUP503012	Plain sides, acid-proof steel

Casemet Cubo F 600 x 200 x 120 mm

200 [7.87]
180 [7.09]
150 [5.91]

550 [21.65]
580 [22.83]
600 [23.62]

15 [0.6]
120 [4.73]

Product code	Description
FFUP602012A	Plain sides, polyester painted mild steel
FSUP602012	Plain sides, stainless steel
FFUF602012A	Flanges/side 2 + 2 + 0 + 0, polyester painted mild steel
FAUP602012	Plain sides, acid-proof steel

Casemet Cubo F 600 x 200 x 120 mm

200 [7.87]
180 [7.09]
150 [5.91]

550 [21.65]
580 [22.83]
600 [23.62]

15 [0.6]
120 [4.73]
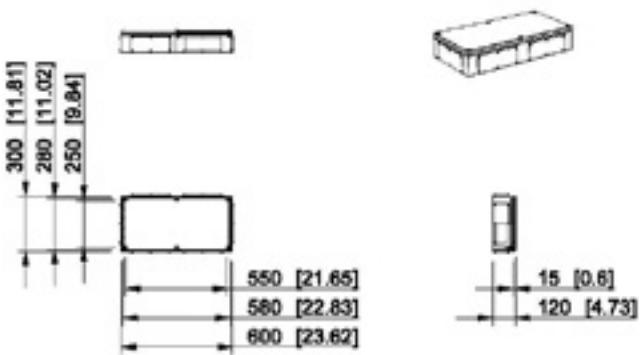
Product code	Description
FFUW602012A	PC window 520 x 120 mm, polyester painted mild steel

Dimensional drawings, Casemet Cubo F
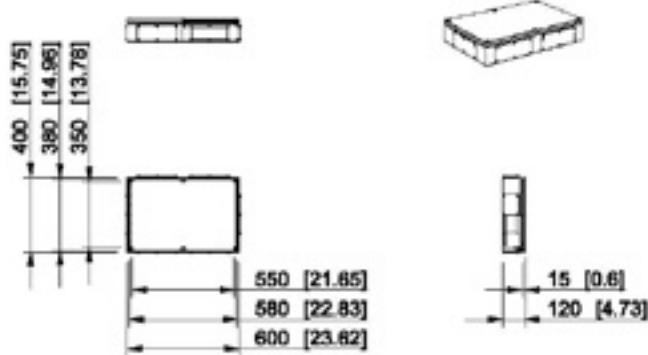
Dimensions mm [inch]

Casemet Cubo F 600 x 300 x 120 mm
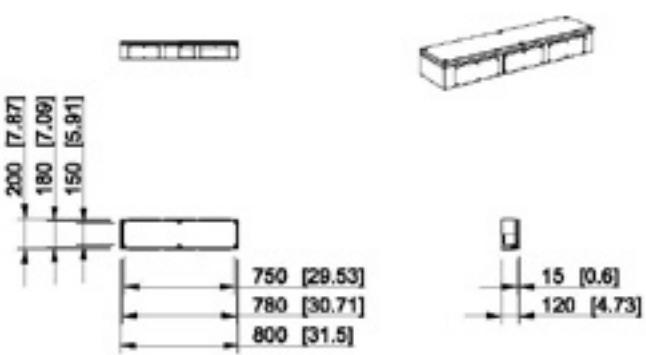
| Product code	Description
FFUP603012A	Plain sides, polyester painted mild steel
FSUP603012	Plain sides, stainless steel
FFUF603012A	Flanges/side 2 + 2 + 1 + 1, polyester painted mild steel
FAUP603012	Plain sides, acid-proof steel

Casemet Cubo F 600 x 400 x 120 mm
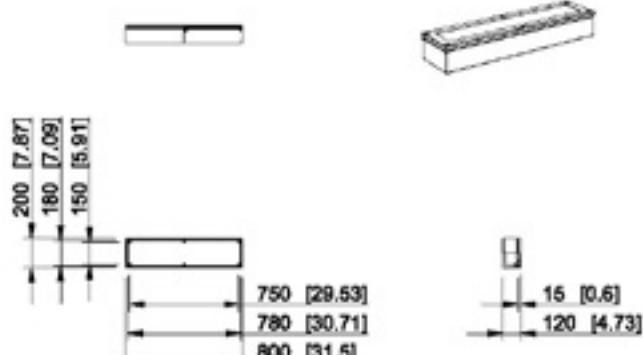
Product code	Description
FFUP604012A	Plain sides, polyester painted mild steel
FSUP604012	Plain sides, stainless steel
FFUF604012A	Flanges/side 2 + 2 + 1 + 1, polyester painted mild steel
FAUP604012	Plain sides, acid-proof steel

## Casemet Cubo F 800 x 200 x 120 mm
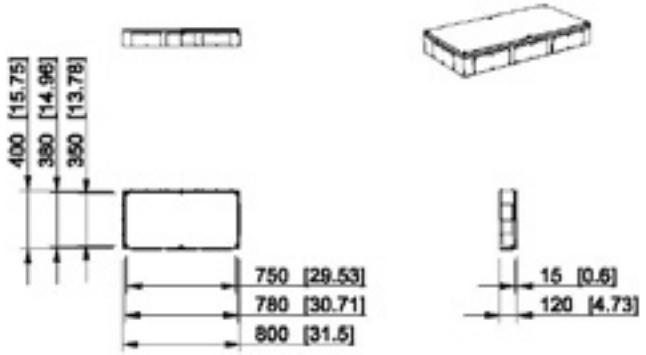
Product code	Description
FFUP802012A	Plain sides, polyester painted mild steel
FSUP802012	Plain sides, stainless steel
FFUF802012A	Flanges/side 3 + 3 + 0 + 0, polyester painted mild steel
FAUP802012	Plain sides, acid-proof steel

Casemet Cubo F 800 x 200 x 120 mm
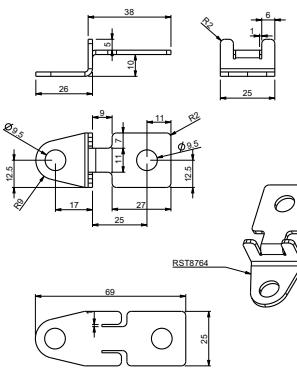
Product code	Description
FFUW802012A	PC window 720 x 120 mm, polyester painted mild steel

Casemet Cubo F 800 x 400 x 120 mm
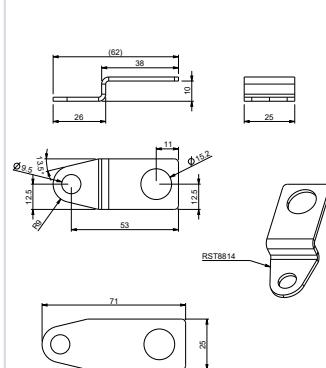
Product code	Description
FFUP804012A	Plain sides, polyester painted mild steel
FSUP804012	Plain sides, stainless steel
FFUF804012A	Flanges/side 3 + 3 + 1 + 1, polyester painted mild steel
FAUP804012	Plain sides, acid-proof steel

FFL1

FFL2

Product code	Description
FFL1	Fastening lugs, 10 mm high, set of 4 pcs
FFL2	Fastening lugs, 10 mm high, set of 4 pcs

Common accessories for enclosures

Pole mounting brackets

The pole mounting kit is designed for safe pole fastening of Casemet Cubo metal enclosures.
The pole mounting kit contains mounting rails or plate, a hose fastener and required screws.
The pole diameter may vary between 38 and 140 mm.

Product code	Description	Dimensions (mm)	Package size (pcs)
2-rail sets			
PMK15	For a 150 mm enclosure	28 x 35 x 145	1
PMK20	For a 200 mm enclosure	28 x 35 x 195	1
PMK30	For a 300 mm enclosure	28 x 35 x 295	1
PMK40	For a 400 mm enclosure	28 x 35 x 395	1
PMK50	For a 500 mm enclosure	28 x 35 x 495	1
PMK60	For a 600 mm enclosure	28 x 35 x 595	1
Sets with a plate			
PMK1515	For a 150 mm enclosure	41 x 150 x 155	1
PMK2020	For a 200 mm enclosure	41 x 200 x 205	1

PMK2020   PMK20

PMK20   PMK50   PMK2020

Gas spring and accessories

Product code	Description	Package size (pcs)
VPTS93	Gas spring	1
VPXS3.01	Base side fixing part of the gas spring	1
VPXS3.02	Door-side fixing part of the gas spring	1

VPTS93, Gas spring

VPXS3.01, Base side fixing part of the gas spring

VPXS3.02, Door-side fixing part of the gas spring

Ventilation valves and breathers

Product code	Description	Dimensions (mm)	Package size (pcs)
BPA10H	Breather, IP68, polyamide, grey, 120 l/h	ø19 x 17	1
BSS10S	Breather, IP 68, AISI 304, 16l/h	ø19 x 21	1
BSS10H	Breather, IP 68, AISI 304, 120l/h	ø19 x 21	1

Breather, IP 68,
stainless steel, 16 l/h, BSS10S.

Cable glands, brass

Product code	Description	Dimensions (mm)	Package size (pcs)
Metric threads, with strain relief and O-ring			
KTM12.12	Cable ø 3-6.5 mm, thread length 6 mm	M12	10
KTM12.16	Cable ø 4-8 mm, thread length 7 mm	M16	10
KTM12.20	Cable ø 6-12 mm, thread length 8 mm	M20	15
KTM12.25	Cable ø 10-14 mm, thread length 8 mm	M25	10
KTM12.32	Cable ø 13-18 mm, thread length 9 mm	M32	10
KTM12.40	Cable ø 18-25 mm, thread length 9 mm	M40	5
KTM12.50	Cable ø 22-32 mm, thread length 9 mm	M50	3
KTM12.6332	Cable ø 34-44 mm, thread length 14 mm	M63	2

Counter nuts, brass

Product code	Description	Dimensions (mm)	Package size (pcs)
Metric threads			
PTK16.12	Height/ø 2.8/15 mm	M12	10
PTK16.16	Height/ø 3/19 mm	M16	10
PTK16.20	Height/ø 3.5/24 mm	M20	15
PTK16.25	Height/ø 4/30 mm	M25	10
PTK16.32	Height/ø 5/36 mm	M32	10
PTK16.40	Height/ø 5/46 mm	M40	5
PTK16.50	Height/ø 5/60 mm	M50	3
PTK16.63	Height/ø 5/70 mm	M63	2

KTM12.12

PTK16.12

Sealing plugs, brass

Product code	Description	Dimensions (mm)	Package size (pcs)
Metric threads			
PTK17.12	Height/ø 7.5/14 mm	M12	5
PTK17.16	Height/ø 8/18 mm	M16	5
PTK17.20	Height/ø 9.5/22 mm	M20	7
PTK17.25	Height/ø 11/28 mm	M25	5
PTK17.32	Height/ø 12/35 mm	M32	5
PTK17.40	Height/ø 13/44 mm	M40	4
PTK17.50	Height/ø 15/54 mm	M50	3
PTK17.63	Height/ø 16/67 mm	M63	2

PTK17.12

Other supplies

Product code	Description	Dimensions (mm)	Package size (pcs)
KY3	Delta wrench	20 x 50 x 22	10
KY3.10	Triangular wrench, lockable, 11 mm	20 x 50 x 22	10
ST80/U	Triangular key, 11 mm	34 x 52 x 16	10
KY4	Metal latch, 18 mm closing space	ø 28 x 31	10
VPTL67	Slotted quarter-turn latch	ø 28 x 31	1
VPTL30	Triangle quarter-turn latch, 7 mm	ø 28 x 31	1

Delta wrench, KY3.

Triangular wrench, lockable, KY3.10.

Triangular key, ST80/U.

Metal latch, KY4.

Slotted quarter-turn latch, VPTL67

Triangle quarter-turn latch, 7 mm, VPTL30

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