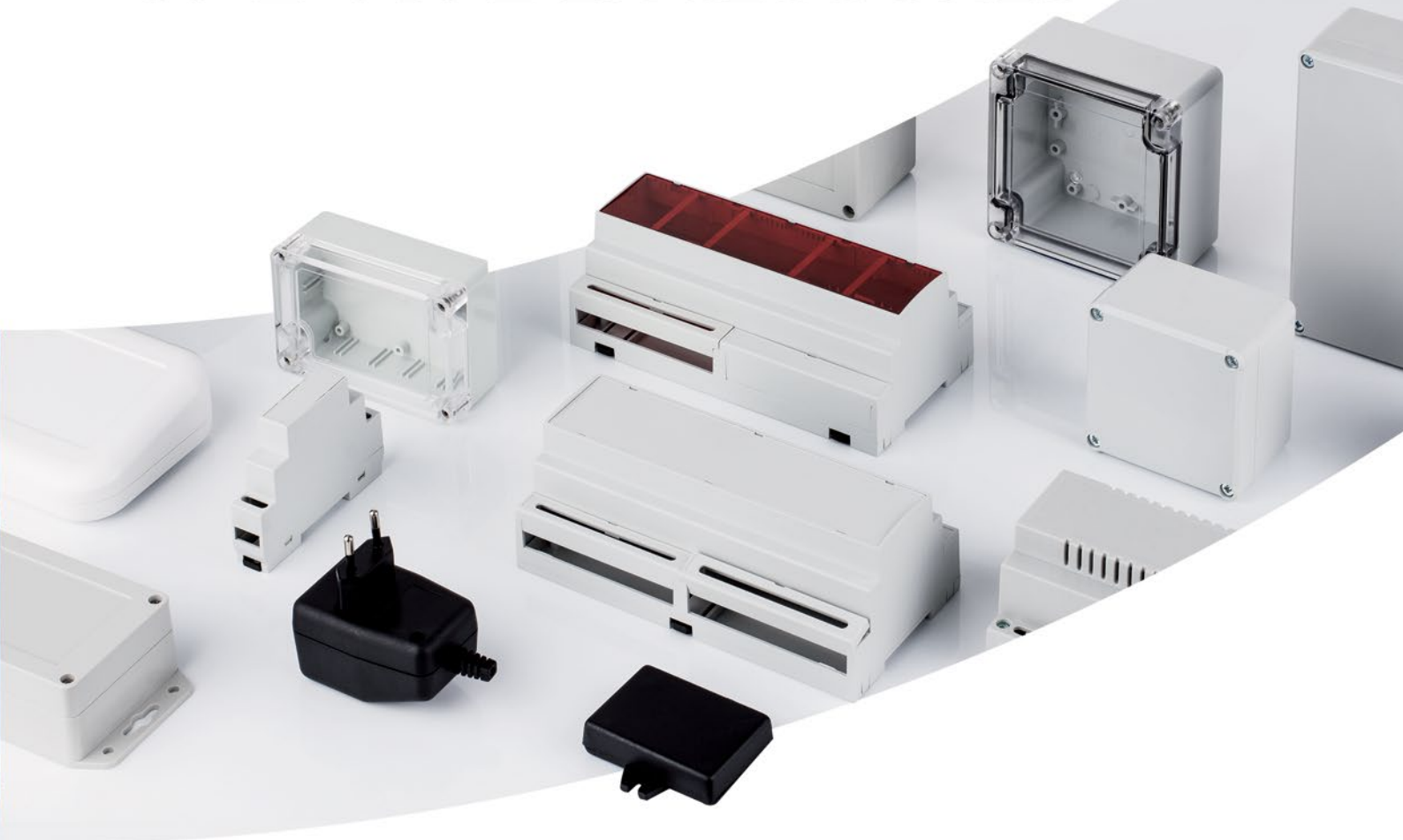




MANUFACTURER OF  
PLASTIC ENCLOSURES  
FOR THE ELECTRONICS

# FULL CATALOGUE OF Z-TYPE ENCLOSURES

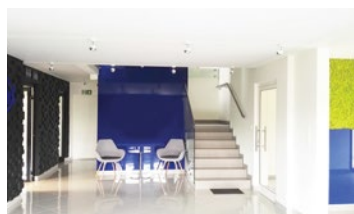


## Kradex

We have been a Polish producer of plastic enclosures for electronic appliances operating on the market **since 1985**. We deliver our products to more than 2500 domestic and international customers. Products from the wide range of catalogue items are normally made of ABS material for the professional line or of PS material for the economic line as well as of PC material for the Waterproofer line, among others. Enclosures are most often in black, light grey and white. Our range includes the following types of enclosures: two-part, with side panels, modular enclosures for DIN rails, and with space for batteries and



a lid; and enclosures for power supplies, alarm panels and remote controls. The majority of these products have been granted certificates such as **IP52**, **IP53** or **IP54**. The hermetic enclosures have IP65 and IK09 certificates, and the category with the cast gasket has the **IP67** certificate. In 2016, Kradex became **ISO 9001** certified for introducing all necessary management systems, which confirm its quality. There are storage facilities directly at the production facility with a total of more than 1500 m<sup>2</sup>, which guarantee the maintenance of high stock levels.



## The milling of the enclosures

Every enclosure, whether catalogue or made to order, can have all the most-popular utility openings.

The machining of such materials as steel, aluminium, copper, and brass is done with these machines:

- **DMG Mori 1100 ecomill**
- **HAAS VF1**
- **HAAS VF2**

The machining of plastics such as ABS, PC, PS, and polyester is done with these machines:

- **SERON**
- **ATMS**

We do hole milling, facing, or threading according to the Customer's specifications. **Up to 0.2 mm** accuracy is achieved thanks to modern machinery using the latest CAD/CAM software as well as top-grade milling cutters. We mill enclosures if the order includes at least 50 pieces, but it is also possible to make a single prototype of the milled enclosure.

catalogue enclosures



customised enclosures



examples of milling



## Individual orders – from design to mass production

Our experts, after familiarising themselves with the customer's required specifications, draw up a project for the new enclosure, make a 3D model, and prepare an injection mould for production. The buyer has also the possibility to choose the material and the colour of the future product. We use high-quality machines, such as:

### Fine-hole EDM's:

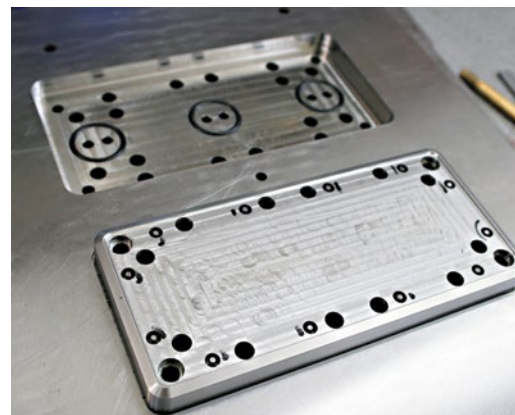
- Mitsubishi EA12S
- Accutex HD75
- Accutex AM32N2

### Fine-hole WEDM's:

- Mitsubishi MV2400S
- Accutex AU-300iA

### 3D printers:

- Zortrax M200



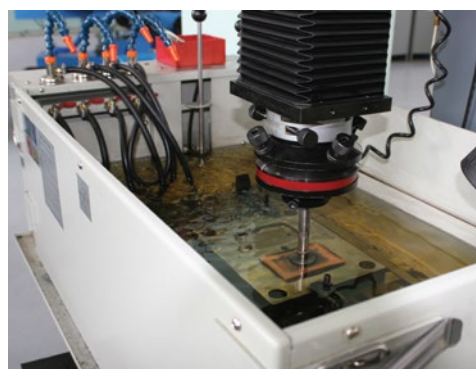
## Other services

Services are an excellent complement of the offer for the customers with unique needs. Our products are customized easily which makes them an excellent choice for premade enclosures from the catalogue.

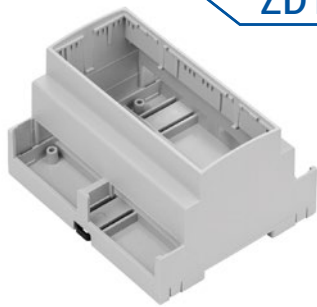
- prints
- additional mounting posts
- assembly services
- varnishing
- emc shielding
- fronts, labels, rating plates, membrane keyboards
- mounting plates, DIN rails



[!\[\]\(7d1d6890825e83a6a4a51febe2dcc7f3\_img.jpg\) Scan and watch the film about us](#)



## NEW IN OFFER



**ZD1006J**

MATERIAL:  
ABS V0  
WITH FILTER

H	W	L [mm]:
65,2	90	107



AVAILABLE COLOUR:



**ZP180.120.90J TM**

MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
90,3	120,1	180,1



AVAILABLE COLOUR:



**ZP150.100.75J TM**

MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
75	100	150



AVAILABLE COLOUR:



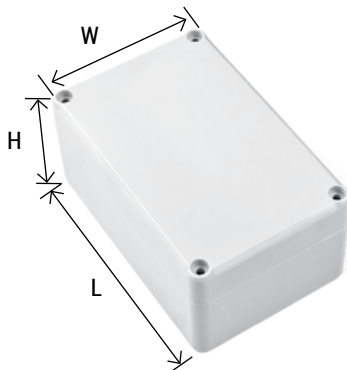
**ZP240.190.105J TM**

MATERIAL:  
ABS-PC/ ABS/ PC WITH  
SEAL

H	W	L [mm]:
105,7	191,3	240



AVAILABLE COLOUR:



- PS – polystyrene material
- ABS – flammable ABS material
- ABS V0 – self-extinguishing ABS material
- PC – polycarbonate material
- W – ventilated enclosure
- H – enclosure with seal
- S – enclosure hermetically sealed with cast gasket

- U – enclosure with mounting ears
- TM – brass sleeve packing
- A,B,C – versions of the enclosure
- () – the dimensions in parentheses are inclusive of the mounting flanges

## LEGEND

- bright white, RAL 9003 - RAL 9016
- light grey, RAL 7035

- black, RAL 9005
- transparent, clear

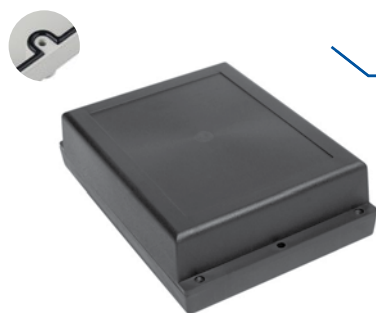
On request, we can produce enclosures in other material and colour from the RAL palette in the amount of min. 500-1000 pieces, depending on the enclosure dimensions.

# HERMETIC ENCLOSURES WITH CAST GASKET



## Foam gasket series FERMAPOR K-31 provides:

- quicker and more accurate installation without the need for laying and cutting a traditional gasket
- multi-year durability
- very good insulating properties
- top-class end product
- improved resistance to environmental factors
- better vibration damping
- the gasket does not deform plastically nor connection gaps are created.



**Z46S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
52,6	144,6	197,8

AVAILABLE COLOUR:



**Z58S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
54,9	82,2	158,2

AVAILABLE COLOUR:



**Z46AS**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
72,3	144,7	198,1

AVAILABLE COLOUR:



**Z59S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
58,1	115,4	125,3

AVAILABLE COLOUR:



**Z54S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
41	74,5	89,4

AVAILABLE COLOUR:



**Z74S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
55,7	126	176,8
(56,7)		

AVAILABLE COLOUR:



**Z56S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
41,7	64,3	88,2

AVAILABLE COLOUR:



**Z90S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
79,8	174,8	225
(81,3)		

AVAILABLE COLOUR:



**Z57S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
54,6	78,4	118,2

AVAILABLE COLOUR:



**Z95S**

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
95,5	193,2	283
(96,7)		

AVAILABLE COLOUR:





### Z96S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
36,8	50	70

AVAILABLE COLOUR:



### Z127S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
41,7	100	180

AVAILABLE COLOUR:



NEW



### Z111S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
55	80	82

AVAILABLE COLOUR:



### Z128S TM

MATERIAL:  
ABS/ PC WITH CAST  
GASKET



H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:



NEW



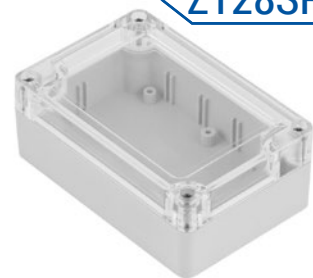
### Z116S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
36,2	48,9	51

AVAILABLE COLOUR:



### Z128SP TM

MATERIAL:  
ABS-PC AND PC WITH  
CAST GASKET



H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:



NEW



### Z117S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
36,7	57,1	63,2

AVAILABLE COLOUR:



### Z128SU TM

MATERIAL:  
ABS/ PC  
WITH CAST GASKET



H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:



WALL MOUNTING

NEW



### Z124S

MATERIAL:  
ABS WITH CAST  
GASKET



H	W	L [mm]:
38,5	144,6	184,7

AVAILABLE COLOUR:



### Z128SUP TM

MATERIAL:  
ABS-PC AND PC WITH  
CAST GASKET



H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:



WALL MOUNTING

NEW

**ZP105.105.60S TM**



**MATERIAL:**  
ABS/ PC  
WITH CAST GASKET

NEW

H	W	L [mm]:
60,1	105	105

AVAILABLE COLOUR:



**ZP135.135.60SP TM**



**MATERIAL:**  
ABS-PC AND PC WITH  
CAST GASKET

NEW

H	W	L [mm]:
60,1	134,8	134,8

AVAILABLE COLOUR:



**ZP105.105.60SP TM**



**MATERIAL:**  
ABS-PC AND PC WITH  
CAST GASKET

NEW

H	W	L [mm]:
60,1	105	105

AVAILABLE COLOUR:



**ZP150.150.60S TM**



**MATERIAL:**  
ABS/ PC  
WITH CAST GASKET

NEW

H	W	L [mm]:
60,1	149,9	149,9

AVAILABLE COLOUR:



**ZP120.120.60S TM**



**MATERIAL:**  
ABS/ PC  
WITH CAST GASKET

NEW

H	W	L [mm]:
60,1	119,8	119,8

AVAILABLE COLOUR:



**ZP150.150.60SP TM**



**MATERIAL:**  
ABS-PC AND PC WITH  
CAST GASKET

NEW

H	W	L [mm]:
60,1	149,9	149,9

AVAILABLE COLOUR:



**ZP120.120.60SP TM**



**MATERIAL:**  
ABS-PC AND PC WITH  
CAST GASKET

NEW

H	W	L [mm]:
60,1	119,8	119,8

AVAILABLE COLOUR:



**ZP210.140.60S TM**



**MATERIAL:**  
ABS/ PC  
WITH CAST GASKET

NEW

H	W	L [mm]:
60,1	139,8	209,7

AVAILABLE COLOUR:



**ZP135.135.60S TM**



**MATERIAL:**  
ABS/ PC  
WITH CAST GASKET

NEW

H	W	L [mm]:
60,1	134,8	134,8

AVAILABLE COLOUR:



**ZP210.140.60SP TM**



**MATERIAL:**  
ABS-PC AND PC WITH  
CAST GASKET

NEW

H	W	L [mm]:
60,1	139,8	209,7

AVAILABLE COLOUR:



### ZP240.190.105S TM



**NEW**  
 MATERIAL:  
 ABS-PC/ ABS/ PC  
 WITH CAST GASKET

H	W	L [mm]:
105,7	191,3	240

AVAILABLE COLOUR:



### ZP240.190.105SP TM



**NEW**  
 MATERIAL:  
 ABS-PC AND PC  
 WITH CAST GASKET

H	W	L [mm]:
105,7	191,3	240

AVAILABLE COLOUR:





# WATERPROOFER SERIES HERMETIC ENCLOSURES

Kradex ZP series hermetic enclosures are designed for all devices that require hermetic enclosure. Available in ABS and PC versions. The cover with an indentation for a keypad or sticker can be made of transparent polycarbonate. Both parts of the enclosure are screwed with captive M3 screws.

## Mounting plates for installation inside the enclosures

The plates are made of 2 mm galvanized steel sheet. They allow various components to be mounted anywhere on the mounting plate. The plates are mounted to the posts in the enclosure using screws. They make it easy to install complex devices consisting of a large number of components outside the enclosure, and then to install such a complex device in the enclosure. They can also be used to easily clamp work-pieces that do not fit into the spacing of the posts in the enclosure.

## DIN rails

The mounting posts ensure that the rail is securely fastened. This makes it possible to install other DIN rail-mounted enclosures inside the ZP enclosure.



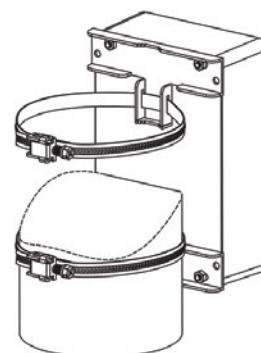
## Hinges

Equipped with a lock that keeps the cover open if needed. The lock is optional.



## Mounting brackets

Brackets allow to attach the device to the wall without opening the cover. This is useful in tough conditions (e.g. tropical climate), or with a warranty seal on the casing.



## Set for mounting enclosures on columns

Set contains: fixing clips, nuts, screws and depending on index ZPM rail. Set enables mounting enclosures on columns.

### ZP105.105.60JP TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

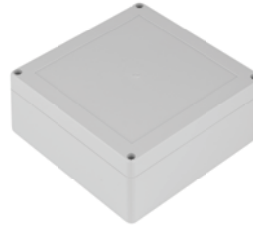
H	W	L [mm]:
60	105	105

AVAILABLE COLOUR:



### ZP135.135.60J TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

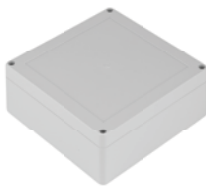
H	W	L [mm]:
60,1	134,8	134,8

AVAILABLE COLOUR:



### ZP105.105.60J TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

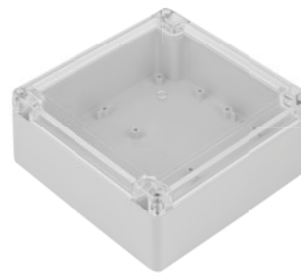
H	W	L [mm]:
60	105	105

AVAILABLE COLOUR:



### ZP150.150.60JP TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

H	W	L [mm]:
60	149,9	149,9

AVAILABLE COLOUR:



### ZP120.120.60JP TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

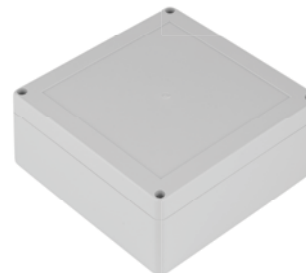
H	W	L [mm]:
60,1	119,8	119,8

AVAILABLE COLOUR:



### ZP150.150.60J TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

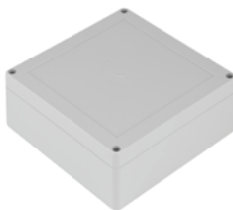
H	W	L [mm]:
60	149,9	149,9

AVAILABLE COLOUR:



### ZP120.120.60J TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

H	W	L [mm]:
60,1	119,8	119,8

AVAILABLE COLOUR:



### ZP240.190.105J TM

NEW



MATERIAL:  
ABS-PC/ ABS/ PC  
WITH SEAL

H	W	L [mm]:
105,7	191,3	240

AVAILABLE COLOUR:



### ZP135.135.60JP TM

NEW



MATERIAL:  
ABS-PC AND PC  
WITH SEAL

H	W	L [mm]:
60,1	134,8	134,8

AVAILABLE COLOUR:



### ZP240.190.105JP TM

NEW



MATERIAL:  
ABS-PC/ ABS/ PC  
WITH SEAL

H	W	L [mm]:
105,7	191,3	240

AVAILABLE COLOUR:



**ZP210.140.60J TM**



**NEW**  
MATERIAL:  
ABS-PC/ ABS/ PC  
WITH SEAL

H	W	L [mm]:
60,1	139,8	209,7

AVAILABLE COLOUR:



**ZP150.100.60UJ TM**



WALL MOUNTING

**NEW**  
MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
60	100	150

AVAILABLE COLOUR:



**ZP210.140.60JP TM**



**NEW**  
MATERIAL:  
ABS-PC/ ABS/ PC  
WITH SEAL

H	W	L [mm]:
60,1	139,8	209,7

AVAILABLE COLOUR:



**ZP150.100.75J TM**



**NEW**  
MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
75	100	150

AVAILABLE COLOUR:



**ZP180.120.90J TM**



**NEW**  
MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
90,3	120,1	180,1

AVAILABLE COLOUR:



**ZP105.105.75J TM**



**NEW**  
MATERIAL:  
ABS/PC WITH SEAL

H	W	L [mm]:
74,7	105	105

AVAILABLE COLOUR:



**ZP150.100.45UJ TM**



**NEW**  
MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
45	100,1	150,1

AVAILABLE COLOUR:



**ZP120.80.45UJ TM**



WALL MOUNTING

**NEW**  
MATERIAL:  
ABS/PC WITH SEAL

H	W	L [mm]:
45,2	81,6	151,6

AVAILABLE COLOUR:



**ZP150.100.60J TM**



**NEW**  
MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
60	100,1	150,1

AVAILABLE COLOUR:



**ZP120.80.60J TM**



**NEW**  
MATERIAL:  
ABS/PC WITH SEAL

H	W	L [mm]:
60,2	80	120

AVAILABLE COLOUR:



### ZP120.80.60UJ TM

NEW



WALL MOUNTING



MATERIAL:  
ABS/PC WITH SEAL

H	W	L [mm]:
60,2	81,6	151,6

AVAILABLE COLOUR:



### ZP120.80.75J TM

NEW



MATERIAL:  
ABS/PC WITH SEAL

H	W	L [mm]:
75,2	80	120

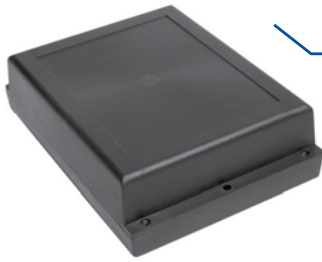
AVAILABLE COLOUR:



# HERMETIC ENCLOSURES

Hermetic enclosures with gaskets are one of the most rapidly evolving product categories. Available in versions with or without gaskets, with brass sleeves and in various colours: light grey, transparent, and with transparent top and light grey bottom. We make those enclosures of polystyrene or ABS. Most of the products are IP65 certified, as well as IK07 and IK09 certified. This series of enclosures is ideal for use in damp environments.





**Z46**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
52,6	144,6	197,8

AVAILABLE COLOUR:



**Z58J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
54,9	82,2	158,2

AVAILABLE COLOUR:



**Z46A**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
72,3	144,7	198,1

AVAILABLE COLOUR:



**Z59J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
58,1	115,4	125,3

AVAILABLE COLOUR:



**Z54J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
41	74,5	89,4

AVAILABLE COLOUR:



**Z65J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
30,1	40,1	64,4

AVAILABLE COLOUR:



**Z56J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
41,7	64,3	88,2

AVAILABLE COLOUR:



**Z74J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
55,7	126	176,8

AVAILABLE COLOUR:



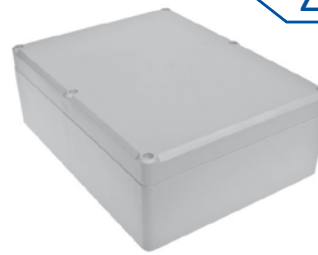
**Z57J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
54,6	78,4	118,2

AVAILABLE COLOUR:



**Z90J**

MATERIAL:  
PS/ABS  
WITH SEAL



H	W	L [mm]:
79,8 (81,3)	174,8	225

AVAILABLE COLOUR:





### Z95J



MATERIAL:  
PS/ABS  
WITH SEAL

H	W	L [mm]:
95,5 (96,7)	193,2	283

AVAILABLE COLOUR:  
■



### Z96J



MATERIAL:  
PS/ABS  
WITH SEAL

H	W	L [mm]:
36,8	50	70

AVAILABLE COLOUR:  
■



### Z111J



MATERIAL:  
PS/ABS  
WITH SEAL

H	W	L [mm]:
55	80	82

AVAILABLE COLOUR:  
■



### Z116J



MATERIAL:  
PS/ABS  
WITH SEAL

H	W	L [mm]:
36,2	48,9	51

AVAILABLE COLOUR:  
■



### Z117J



MATERIAL:  
PS/ABS  
WITH SEAL

H	W	L [mm]:
36,7	57,1	63,2

AVAILABLE COLOUR:  
■



### Z124



MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
38,5	144,6	184,7

AVAILABLE COLOUR:  
■ ■ ■



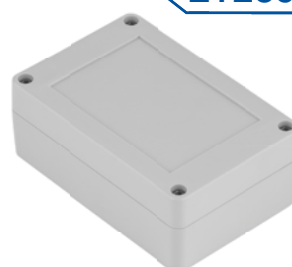
### Z127



MATERIAL:  
ABS WITH SEAL

H	W	L [mm]:
41,7	100	180

AVAILABLE COLOUR:  
■ ■ ■



### Z128J TM



MATERIAL:  
ABS-PC and PC  
WITH SEAL

H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:  
■



### Z128UJ TM



MATERIAL:  
ABS-PC and PC  
WITH SEAL

H	W	L [mm]:
40	70	131,3

AVAILABLE COLOUR:  
■



### Z128JP TM



MATERIAL:  
ABS-PC and PC  
WITH SEAL

H	W	L [mm]:
40	70	105

AVAILABLE COLOUR:  
■

### Z128UJP TM



WALL MOUNTING



MATERIAL: **NEW**

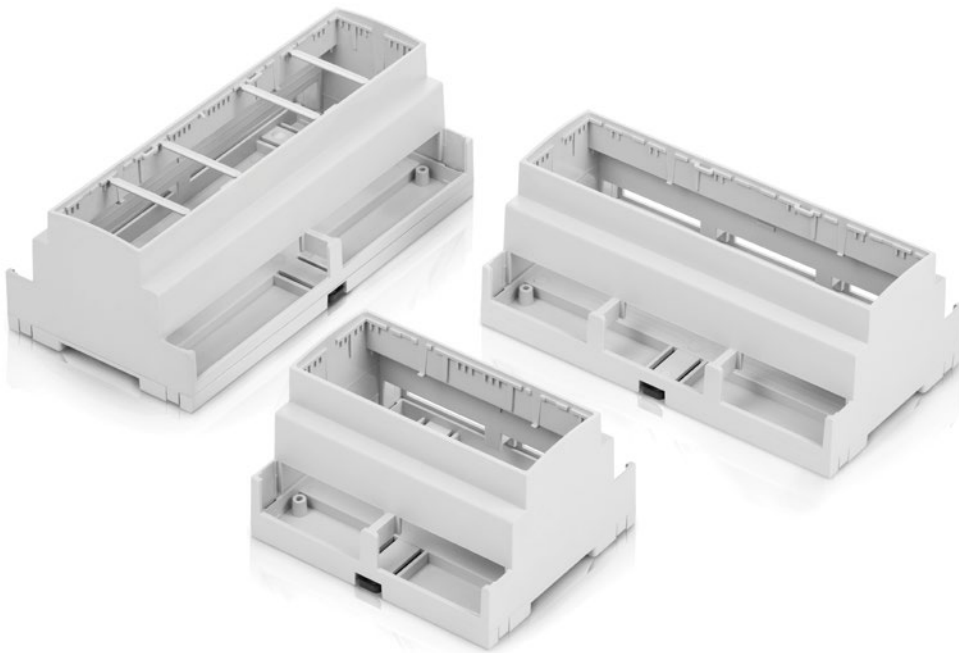
ABS-PC and PC  
WITH SEAL

H	W	L [mm]:
40	70	131,3

AVAILABLE COLOUR:



# DIN-R SERIES MODULAR ENCLOSURES FOR DIN MOUNTING



The new selection of enclosures for DIN rails, based on the state-of-the-art design of the removable masking frames, facilitating adjustments to the miscellaneous specifications applied inside the electronics.

- the possibility to individually adjust the frame, the base and the joint masks, giving the opportunity to choose from several-dozen variants
- product versions: 6M, 9M, and 10M
- ABS V0 material
- the possibility to install 3 PCB boards vertically and horizontally
- mounting on rails with 3 latches enabling simple insertion and withdrawal from the enclosure
- protection from falling out, without accessory metal elements



Masking frame for plugs



Full masking frame



Masking frame for sockets



General – purpose masking frame

ZD1006J

MATERIAL:  
ABS V0  
WITH FILTER

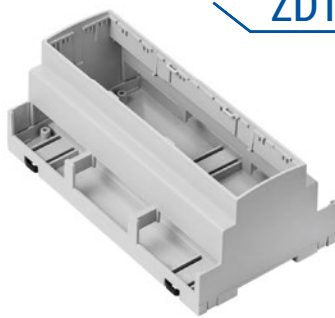
NEW

H	W	L [mm]:
65,2	90	107



AVAILABLE COLOUR:





**ZD1009J**

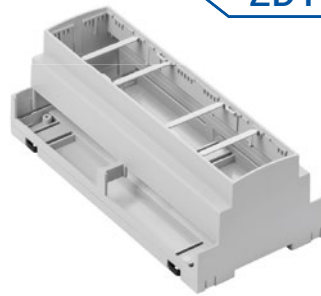
MATERIAL:  
ABS V0  
WITH FILTER

NEW

H	W	L [mm]:
65,3	89,8	159,8



AVAILABLE COLOUR:



**ZD1010J**

MATERIAL:  
ABS V0  
WITH FILTER

NEW

H	W	L [mm]:
65,3	89,8	177,8



AVAILABLE COLOUR:



# MODULAR DIN RAIL ENCLOSURES

Modular DIN rail enclosures - suitable for DIN rail mounting. They are available in light grey and black. The products are made of the following materials: polystyrene, ABS, and ABS V0 (self-extinguishing).





Z100

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
64,7	69,7	89,3

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z101

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65,6	89	107

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z102

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65,2	53,4	89,4

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z103

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
62,8	34,4	88,8

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z104

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
62,8	88,8	138,8

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z105

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
64,9	17,5	90

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z106

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65	35,2	90,1

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z107

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65	52,5	90

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



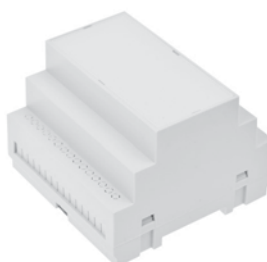
Z108

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65	70	90

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



Z109

**NEW**

MATERIAL:  
PS/ABS VO

H	W	L [mm]:
65,1	87,5	90

AVAILABLE COLOUR:  
PS/ABS VO ABS VO



**Z110**

MATERIAL:  
PS/ABS V0

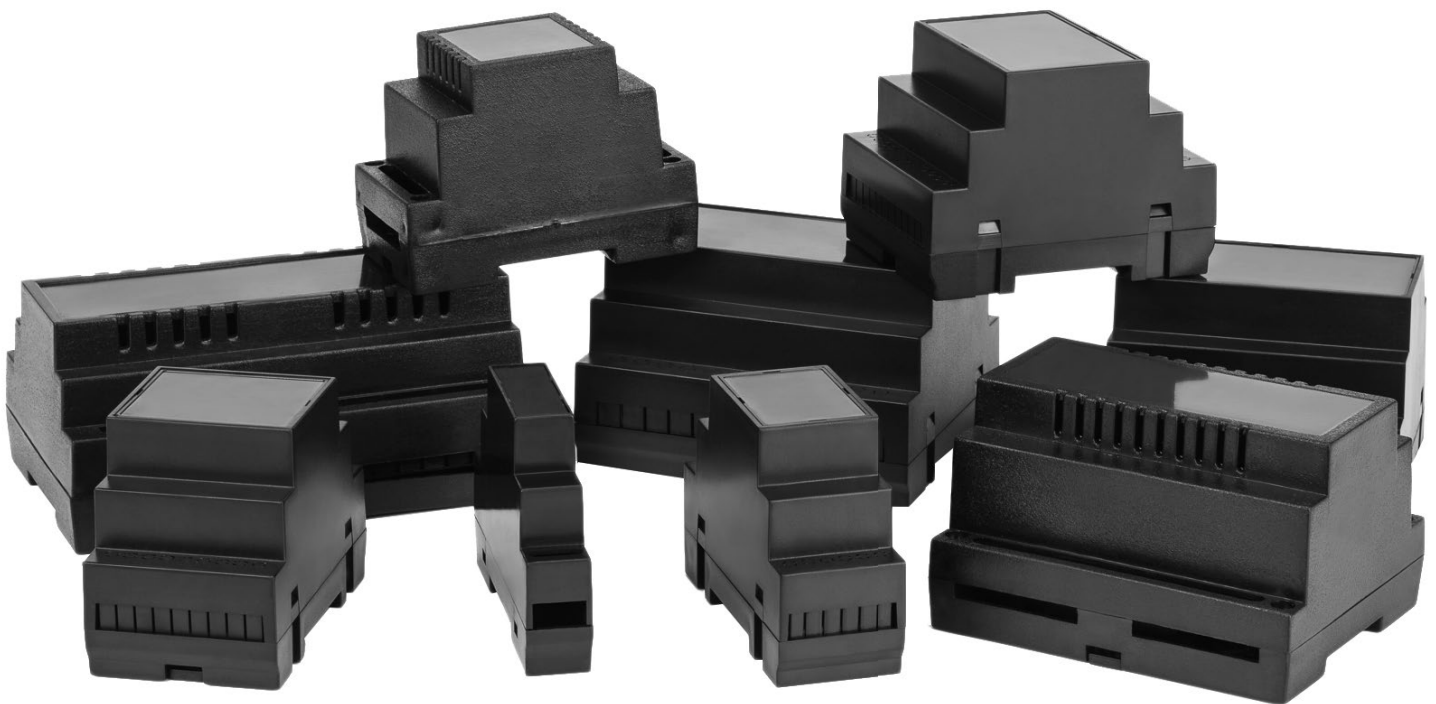
NEW



H	W	L [mm]:
65,3	90	105

AVAILABLE COLOUR:

PS/ABS V0    ABS V0

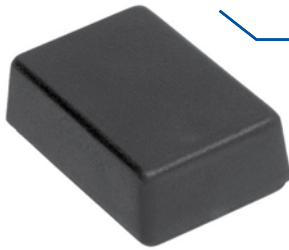


# PROFESSIONAL

KradeX

Professional is a line of products made of ABS. The selection of high quality materials guarantees a superior class of products.

The solution for more demanding and big-budget project.



**Z43**

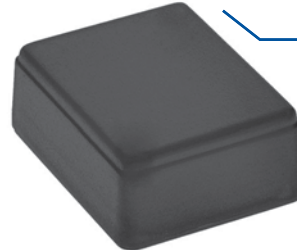
MATERIAL:  
ABS

H	W	L [mm]:
16	31	46

AVAILABLE COLOUR:



WITH A LID



**Z47**

MATERIAL:  
ABS

H	W	L [mm]:
20,6	40,4	50,2

AVAILABLE COLOUR:



TWO-PART



**Z44**

MATERIAL:  
ABS

H	W	L [mm]:
33,1	79,9	149,3

AVAILABLE COLOUR:



WITH A SPACE FOR A DISPLAY



**Z47U**

MATERIAL:  
ABS

H	W	L [mm]:
20,6	40,4 (59,8)	50,2

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



**Z45**

MATERIAL:  
ABS

H	W	L [mm]:
43,3	56,1	99,8

AVAILABLE COLOUR:



TWO-PART



**Z48**

MATERIAL:  
ABS

H	W	L [mm]:
35	80	145

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



**Z45W**

MATERIAL:  
ABS

H	W	L [mm]:
43,3	56,1	99,8

AVAILABLE COLOUR:



TWO-PART



**Z49**

MATERIAL:  
ABS

H	W	L [mm]:
35	80	145

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



**Z50**

MATERIAL:  
ABS



H	W	L [mm]:
43,3	91	146

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z53U**

MATERIAL:  
ABS



WALL MOUNTING

H	W	L [mm]:
22	65	90

AVAILABLE COLOUR:



TWO-PART



**Z50A**

MATERIAL:  
ABS



H	W	L [mm]:
36,2	92,5	147,6

AVAILABLE COLOUR:



WITH SIDE PANELS



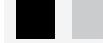
**Z55**

MATERIAL:  
ABS



H	W	L [mm]:
28	63	104

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



**Z50B**

MATERIAL:  
ABS



H	W	L [mm]:
50,3	92,5	147,6

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z60**

MATERIAL:  
ABS



H	W	L [mm]:
36	68	74

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z51U**

MATERIAL:  
ABS



TWO-PART

H	W	L [mm]:
27	49	155

AVAILABLE COLOUR:



**Z61J**

MATERIAL:  
ABS



H	W	L [mm]:
43	80	120

AVAILABLE COLOUR:



**Z52U**

MATERIAL:  
ABS



WALL MOUNTING

TWO-PART

H	W	L [mm]:
40	74	145

AVAILABLE COLOUR:



**Z62**

MATERIAL:  
ABS



H	W	L [mm]:
29	63	83

AVAILABLE COLOUR:



TWO-PART



**Z63**

MATERIAL:  
ABS

H	W	L [mm]:
15	17	26

AVAILABLE COLOUR:



WITH A LID



**Z68U**

MATERIAL:  
ABS

H	W	L [mm]:
28	49	66

AVAILABLE COLOUR:



TWO-PART



**Z64**

MATERIAL:  
ABS

H	W	L [mm]:
57	65	89

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z69**

MATERIAL:  
ABS

H	W	L [mm]:
17,7	49,5	64,5

AVAILABLE COLOUR:



TWO-PART



**Z66**

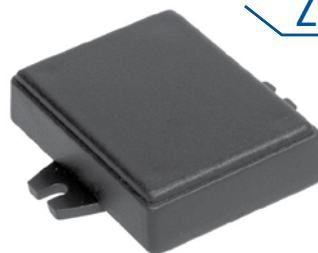
MATERIAL:  
ABS

H	W	L [mm]:
65 (71,15)	79	130 (167,25)

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z69U**

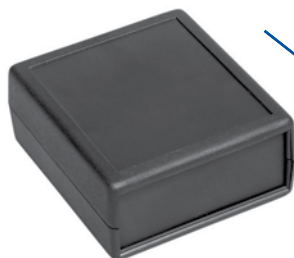
MATERIAL:  
ABS

H	W	L [mm]:
17,7	49,5 (68,8)	64,5

AVAILABLE COLOUR:



TWO-PART



**Z67**

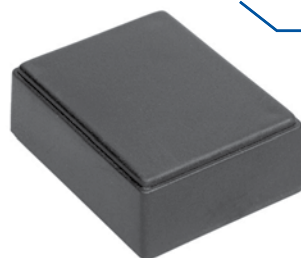
MATERIAL:  
ABS

H	W	L [mm]:
29,1	63,3	69,3

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z70**

MATERIAL:  
ABS

H	W	L [mm]:
27,9	58,8	75,9

AVAILABLE COLOUR:



TWO-PART



**Z68**

MATERIAL:  
ABS

H	W	L [mm]:
28	49	66

AVAILABLE COLOUR:



TWO-PART



**Z70U**

MATERIAL:  
ABS

H	W	L [mm]:
27,9	58,8 (77,95)	75,9

AVAILABLE COLOUR:



TWO-PART



**Z71**

MATERIAL:  
ABS



H	W	L [mm]:
18,1	59,4	76,5

AVAILABLE COLOUR:



TWO-PART



**Z75**

MATERIAL:  
ABS



H	W	L [mm]:
23	45	95

AVAILABLE COLOUR:



TWO-PART



**Z71U**

MATERIAL:  
ABS

H	W	L [mm]:
18,1	59,4	76,5
	(77,95)	

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



**Z76**

MATERIAL:  
ABS

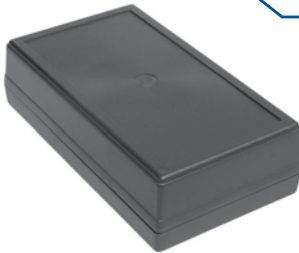


H	W	L [mm]:
28	59,5	109

AVAILABLE COLOUR:



TWO-PART



**Z72**

MATERIAL:  
ABS



H	W	L [mm]:
48,8	101,5	177,9

AVAILABLE COLOUR:



TWO-PART



**Z77**

MATERIAL:  
ABS



H	W	L [mm]:
38	71,5	124

AVAILABLE COLOUR:



TWO-PART



**Z72U**

MATERIAL:  
ABS



H	W	L [mm]:
36,6	101,5	177,9
		(199,7)

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



**Z78**

MATERIAL:  
ABS

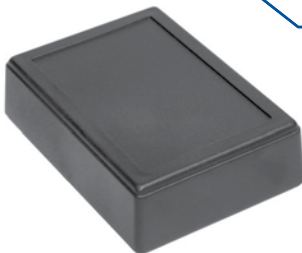


H	W	L [mm]:
42,5	84,5	154

AVAILABLE COLOUR:



TWO-PART



**Z73**

MATERIAL:  
ABS

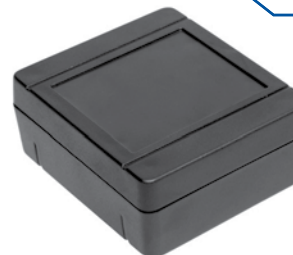


H	W	L [mm]:
31,9	79,2	109,2

AVAILABLE COLOUR:



TWO-PART



**Z79**

MATERIAL:  
ABS



H	W	L [mm]:
38	80	90

AVAILABLE COLOUR:



TWO-PART



**Z80**

MATERIAL:  
ABS



H	W	L [mm]:
38	90	120

AVAILABLE COLOUR:



TWO-PART



**Z85**

MATERIAL:  
ABS



H	W	L [mm]:
22	35,2	45,9

AVAILABLE COLOUR:



WITH A LID



**Z81**

MATERIAL:  
ABS



H	W	L [mm]:
14,6	16,3	20

AVAILABLE COLOUR:



WITH A LID



**Z86**

MATERIAL:  
ABS



H	W	L [mm]:
21,5	41,8	41,8

AVAILABLE COLOUR:



WITH A LID



**Z82**

MATERIAL:  
ABS



H	W	L [mm]:
16,5	22,1	22,2

AVAILABLE COLOUR:



WITH A LID



**Z87**

MATERIAL:  
ABS



H	W	L [mm]:
26	46	52

AVAILABLE COLOUR:



WITH A LID



**Z83**

MATERIAL:  
ABS



H	W	L [mm]:
17,2	22	32

AVAILABLE COLOUR:



WITH A LID



**Z89J**

MATERIAL:  
ABS



H	W	L [mm]:
25	68,7	141,6

AVAILABLE COLOUR:



WITH A LID



**Z84**

MATERIAL:  
ABS



H	W	L [mm]:
22,5	22	46

AVAILABLE COLOUR:



WITH A LID



**Z91J**

MATERIAL:  
ABS



H	W	L [mm]:
36,2	99,9	129,9

AVAILABLE COLOUR:



TWO-PART



### Z93J

MATERIAL:  
ABS



H	W	L [mm]:
29	69,5	130,5

AVAILABLE COLOUR:



TWO-PART



### Z99

MATERIAL:  
ABS



H	W	L [mm]:
51,5	60,7	120,8

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z94

MATERIAL:  
ABS



H	W	L [mm]:
26,5	46,5	65,5

AVAILABLE COLOUR:



TWO-PART



### Z112

MATERIAL:  
ABS



H	W	L [mm]:
60	136	185,5

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z94W

MATERIAL:  
ABS



H	W	L [mm]:
26,5	46,5	65,5

AVAILABLE COLOUR:



TWO-PART



### Z112A

MATERIAL:  
ABS



H	W	L [mm]:
40	136	185,5

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z97

MATERIAL:  
ABS



H	W	L [mm]:
31,1	60,7	120,8

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z112B

MATERIAL:  
ABS



H	W	L [mm]:
80	136	185,5

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z98

MATERIAL:  
ABS



H	W	L [mm]:
40,2	60,7	120,8

AVAILABLE COLOUR:



WITH SIDE PANELS



### Z113

MATERIAL:  
ABS



H	W	L [mm]:
25,5	93,1	151

AVAILABLE COLOUR:



TWO-PART



### Z115

MATERIAL:  
ABS

H	W	L [mm]:
21	30	105



AVAILABLE COLOUR:



TWO-PART



### Z122

MATERIAL:  
ABS

H	W	L [mm]:
24,5	69,2	108,1



AVAILABLE COLOUR:



TWO-PART



### Z118

MATERIAL:  
ABS

H	W	L [mm]:
19	60	97



AVAILABLE COLOUR:



TWO-PART



### Z122W

MATERIAL:  
ABS

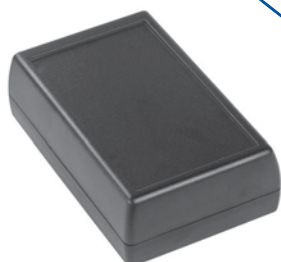
H	W	L [mm]:
24,5	69,2	108,1



AVAILABLE COLOUR:



TWO-PART



### Z119

MATERIAL:  
ABS

H	W	L [mm]:
30	63	97



AVAILABLE COLOUR:



TWO-PART



### Z123

MATERIAL:  
ABS

H	W	L [mm]:
30,2	75,8	75,8



AVAILABLE COLOUR:



TWO-PART



### Z120J

MATERIAL:  
ABS

H	W	L [mm]:
75,1	65	129,2



AVAILABLE COLOUR:



FOR POWER SUPPLY



### Z125

MATERIAL:  
ABS

H	W	L [mm]:
50,5	89,8	189,9



AVAILABLE COLOUR:



TWO-PART



### Z121

MATERIAL:  
ABS

H	W	L [mm]:
24	51	149



AVAILABLE COLOUR:



FOR REMOTE CONTROL



### Z126

MATERIAL:  
ABS

H	W	L [mm]:
35,1	69,4	104,5



AVAILABLE COLOUR:



TWO-PART



**Z127**

MATERIAL:  
ABS

NEW

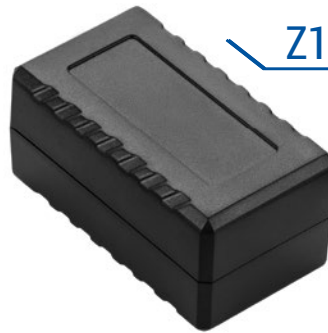


H	W	L [mm]:
41,7	100	180

AVAILABLE COLOUR:



TWO-PART



**Z130**

MATERIAL:  
ABS

NEW

H	W	L [mm]:
27,2	31,5	56,5

AVAILABLE COLOUR:



TWO-PART



**Z129**

MATERIAL:  
ABS

NEW

H	W	L [mm]:
28,5	94,1	117,6

AVAILABLE COLOUR:



WITH A LATCH





Economic line consists of enclosures made of polystyrene. The line is aimed to customers for whom the price has the crucial meaning.

Several dozens of enclosures has been well known since the 80s. They help to reduce the cost of your devices.



**Z1**

MATERIAL:  
PS

H	W	L [mm]:
70	188	197

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z2W**

MATERIAL:  
PS

H	W	L [mm]:
70,6	150	179

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z1W**

MATERIAL:  
PS

H	W	L [mm]:
70	188	197

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z2AW**

MATERIAL:  
PS

H	W	L [mm]:
90	147	178

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z1AW**

MATERIAL:  
PS

H	W	L [mm]:
68	172	176

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z3**

MATERIAL:  
PS

H	W	L [mm]:
70	110	150

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z2**

MATERIAL:  
PS

H	W	L [mm]:
70	150	179

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z3W**

MATERIAL:  
PS

H	W	L [mm]:
70	110	150

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z3AW**

MATERIAL:  
PS

H	W	L [mm]:
68	90	110

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z5**

MATERIAL:  
PS

H	W	L [mm]:
40	90	110

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z4**

MATERIAL:  
PS

H	W	L [mm]:
50	129,6	149,3

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z5A**

MATERIAL:  
PS

H	W	L [mm]:
49	90	110

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z4A**

MATERIAL:  
PS

H	W	L [mm]:
59	139	159

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z5B**

MATERIAL:  
PS

H	W	L [mm]:
49	90,1	200,2

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z4W**

MATERIAL:  
PS

H	W	L [mm]:
50	129,6	149,3

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z6**

MATERIAL:  
PS

H	W	L [mm]:
39	66	91

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z4AW**

MATERIAL:  
PS

H	W	L [mm]:
59	139	159

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z7**

MATERIAL:  
PS

H	W	L [mm]:
19	68	90

AVAILABLE COLOUR:



TWO-PART



Z7A

MATERIAL:  
PS

H	W	L [mm]:
31,4	54,3	105,4

AVAILABLE COLOUR:  
■

TWO-PART



Z9U

MATERIAL:  
PS

H	W	L [mm]:
25,5	33,8	62,3 (80,2)

AVAILABLE COLOUR:  
■

WITH A LID

WALL MOUNTING



Z7B

MATERIAL:  
PS

H	W	L [mm]:
23,5	55	106

AVAILABLE COLOUR:  
■

TWO-PART



Z9WU

MATERIAL:  
PS

H	W	L [mm]:
25,5	33,8	62,3 (81,2)

AVAILABLE COLOUR:  
■

WITH A LID

WALL MOUNTING



Z7C

MATERIAL:  
PS

H	W	L [mm]:
40	55	106

AVAILABLE COLOUR:  
■

TWO-PART



Z10

MATERIAL:  
PS

H	W	L [mm]:
52	58	72

AVAILABLE COLOUR:  
■

FOR POWER SUPPLY



Z8A

MATERIAL:  
PS

H	W	L [mm]:
34,7	36,7	70,3

AVAILABLE COLOUR:  
■

WITH A LID



Z10A

MATERIAL:  
PS

H	W	L [mm]:
46	53	81

AVAILABLE COLOUR:  
■

FOR POWER SUPPLY



Z8U

MATERIAL:  
PS

H	W	L [mm]:
35	50	70

AVAILABLE COLOUR:  
■

WITH A LID

WALL MOUNTING



Z13

MATERIAL:  
PS

H	W	L [mm]:
37	47	65

AVAILABLE COLOUR:  
■

FOR POWER SUPPLY



**Z13A**

MATERIAL:  
PS

H	W	L [mm]:
40	48	72

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z16**

MATERIAL:  
PS

H	W	L [mm]:
63	70	114
(67,95)		(149,8)

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z14**

MATERIAL:  
PS

H	W	L [mm]:
22,7	49,2	149,5

AVAILABLE COLOUR:



FOR REMOTE CONTROL



**Z17W**

MATERIAL:  
PS

H	W	L [mm]:
92	217	235

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z14A**

MATERIAL:  
ABS

H	W	L [mm]:
13	31	61

AVAILABLE COLOUR:



FOR REMOTE CONTROL



**Z18**

MATERIAL:  
PS

H	W	L [mm]:
65	76	176

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z14B**

MATERIAL:  
ABS

H	W	L [mm]:
16	38	56

AVAILABLE COLOUR:



FOR REMOTE CONTROL



**Z19**

MATERIAL:  
PS

H	W	L [mm]:
25	94	128

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z15**

MATERIAL:  
PS

H	W	L [mm]:
90	148	250

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z20**

MATERIAL:  
PS

H	W	L [mm]:
53,9	120,4	126,1

AVAILABLE COLOUR:



TWO-PART



Z20A

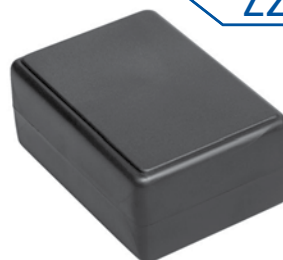
MATERIAL:  
PS

H	W	L [mm]:
59	138	190

AVAILABLE COLOUR:



TWO-PART



Z23B

MATERIAL:  
PS

H	W	L [mm]:
38	59	84

AVAILABLE COLOUR:



TWO-PART



Z21

MATERIAL:  
PS

H	W	L [mm]:
55	64	82

AVAILABLE COLOUR:



FOR POWER SUPPLY



Z23U

MATERIAL:  
PS

H	W	L [mm]:
23,4	59,5	84,9 (106,7)

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



Z22

MATERIAL:  
PS

H	W	L [mm]:
22	49	65

AVAILABLE COLOUR:



TWO-PART



Z23AU

MATERIAL:  
PS

H	W	L [mm]:
16,45	59,55	84,6 (106,7)

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



Z23

MATERIAL:  
PS

H	W	L [mm]:
30	59	84

AVAILABLE COLOUR:



TWO-PART



Z24

MATERIAL:  
PS

H	W	L [mm]:
37,7	47,3	66,4

AVAILABLE COLOUR:



TWO-PART



Z23A

MATERIAL:  
PS

H	W	L [mm]:
22	59	84

AVAILABLE COLOUR:



TWO-PART



Z24A

MATERIAL:  
PS

H	W	L [mm]:
24	47	66

AVAILABLE COLOUR:



TWO-PART



**Z24B**

MATERIAL:  
PS

H	W	L [mm]:
52	47	66

AVAILABLE COLOUR:



TWO-PART



**Z27**

MATERIAL:  
PS

H	W	L [mm]:
46	70	120

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z24U**

MATERIAL:  
PS

H	W	L [mm]:
30	48	66

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



**Z28**

MATERIAL:  
PS

H	W	L [mm]:
32	119	143
(37,85)		

AVAILABLE COLOUR:



TWO-PART



**Z24AU**

MATERIAL:  
PS

H	W	L [mm]:
15,9	48,85	66,2
(66,95)		

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



**Z29**

MATERIAL:  
PS

H	W	L [mm]:
29	98,5	132,5
(30,6)		

AVAILABLE COLOUR:



TWO-PART



**Z25**

MATERIAL:  
PS

H	W	L [mm]:
78	220	220

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z30**

MATERIAL:  
PS

H	W	L [mm]:
45,3	70,9	120,5

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z26**

MATERIAL:  
PS

H	W	L [mm]:
60	220	220

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z30A**

MATERIAL:  
PS

H	W	L [mm]:
44	70	120

AVAILABLE COLOUR:



TWO-PART



Z31

MATERIAL:  
PS

H	W	L [mm]:
44	70	120

AVAILABLE COLOUR:



TWO-PART



Z33A

MATERIAL:  
PS

H	W	L [mm]:
46	140	190

AVAILABLE COLOUR:



FOR POWER SUPPLY



Z32

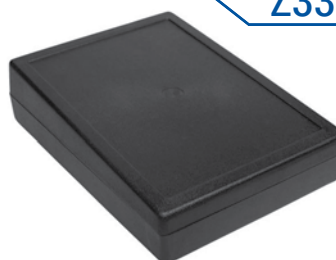
MATERIAL:  
PS

H	W	L [mm]:
27	66,3	110,6

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



Z33B

MATERIAL:  
PS

H	W	L [mm]:
46	140	190

AVAILABLE COLOUR:



TWO-PART



Z32A

MATERIAL:  
PS

H	W	L [mm]:
26	59	188

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



Z34

MATERIAL:  
PS

H	W	L [mm]:
28,2	67,6	129,3

AVAILABLE COLOUR:



TWO-PART



Z32B

MATERIAL:  
PS

H	W	L [mm]:
38,4	60	188,5

AVAILABLE COLOUR:



WITH BATTERY COMPARTMENT



Z34U

MATERIAL:  
PS

H	W	L [mm]:
24	68	129

AVAILABLE COLOUR:



TWO-PART

WALL MOUNTING



Z33

MATERIAL:  
PS

H	W	L [mm]:
46	140	190
(52,35)		

AVAILABLE COLOUR:



TWO-PART



Z34A

MATERIAL:  
PS

H	W	L [mm]:
25,3	67,55	129,2

AVAILABLE COLOUR:



TWO-PART



**Z34AU**

MATERIAL:  
PS

H	W	L [mm]:
15	68	129

AVAILABLE COLOUR:



TWO-PART



**Z38**

MATERIAL:  
PS

H	W	L [mm]:
36	84,8	169,7

AVAILABLE COLOUR:



TWO-PART



**Z34B**

MATERIAL:  
PS

H	W	L [mm]:
37,7	67,7	129,2

AVAILABLE COLOUR:



TWO-PART



**Z39W**

MATERIAL:  
PS

H	W	L [mm]:
119,6	218,2	296,8

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z35**

MATERIAL:  
PS

H	W	L [mm]:
52	62	85

AVAILABLE COLOUR:



FOR POWER SUPPLY



**Z40W**

MATERIAL:  
PS

H	W	L [mm]:
79,7	100	179,4

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z36**

MATERIAL:  
PS

H	W	L [mm]:
42	66	125

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z41W**

MATERIAL:  
PS

H	W	L [mm]:
60	63	108

AVAILABLE COLOUR:



SPECJALNA, INNA



**Z37**

MATERIAL:  
PS

H	W	L [mm]:
48 (52,45)	128	258

AVAILABLE COLOUR:



WITH SIDE PANELS



**Z42**

MATERIAL:  
PS

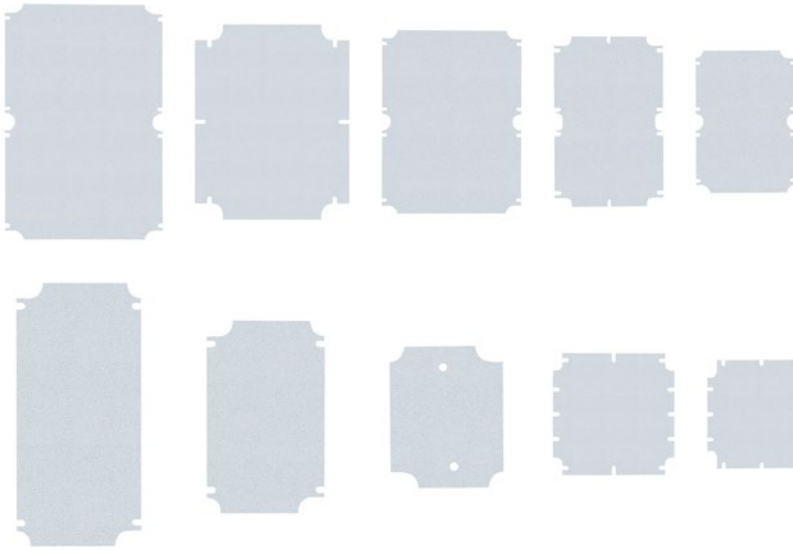
H	W	L [mm]:
46	56	83

AVAILABLE COLOUR:



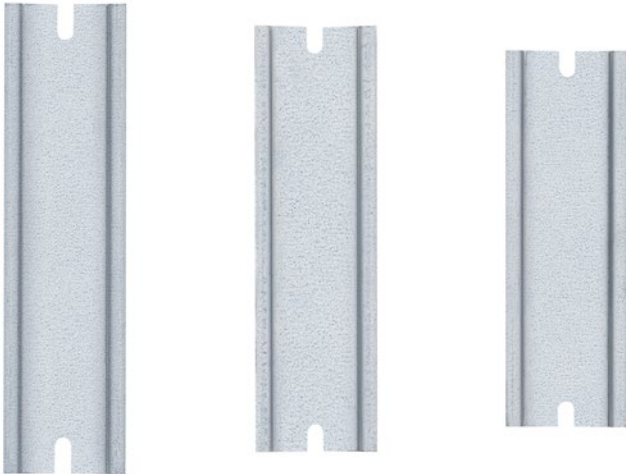
FOR POWER SUPPLY

**Mounting plate for Waterproofer Series enclosures**



ZP150.150.60	ZP180.120.90	Z74
ZP135.135.60	ZP150.100.45	Z59
ZP120.120.60	ZP150.100.60	Z58
ZP105.105.60	ZP150.100.75	Z57
ZP240.190.105	Z95	Z54
ZP210.140.60	Z90	

**Rail for Waterproofer Series enclosures**

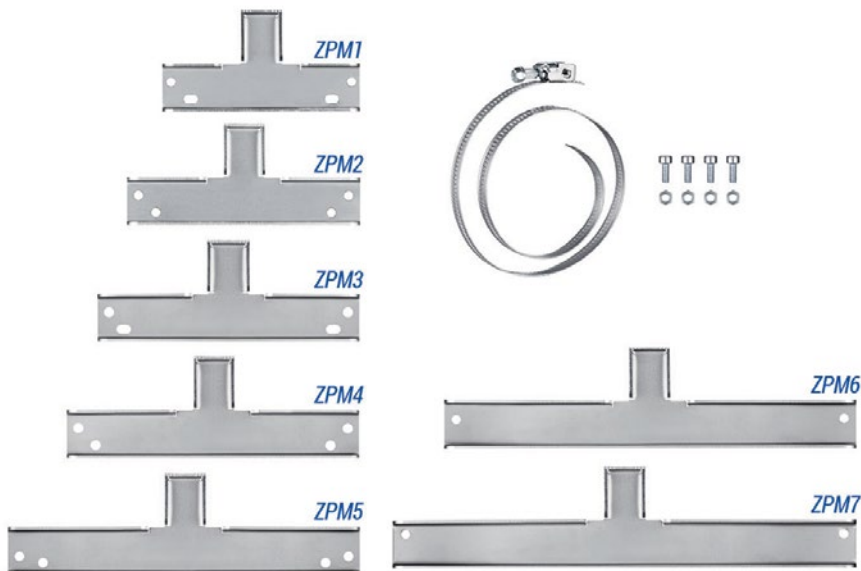


TZ35.76	TZ35.146
TZ35.93	TZ35.179
TZ35.106	TZ35.201
TZ35.114	

**Ring for Z127 enclosures (only apply to enclosures without gaskets)**



## Set for mounting ZP series enclosures on columns



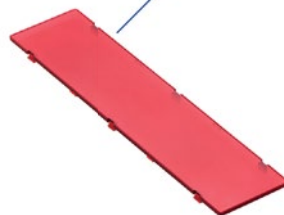
ZPM1	ZP105.105.60, ZP150.100.60
ZPM2	ZP120.120.60, ZP180.120.60
ZPM3	ZP135.135.60, ZP210.140.60
ZPM4	ZP150.100.60, ZP150.150.60
ZPM5	ZP180.120.60, ZP240.190.105
ZPM6	ZP210.140.60
ZPM7	ZP240.190.105

## DIN-R enclosure filter

Filtr ZDFp1010 ABS



Filtr ZDFcz1010 ABS



Filtr ZDFJ1010 ABS V0



## Gasket



## Hinges



ZHINGE10 for ZP240.190.105



The ZHINGE20 are suitable for all enclosures with "straight walls" which base wall thickness is more than 2.7 mm, the cover wall thickness is more than 4.3 mm, and the lid depth is at least 10 mm.

## Wall mounting brackets



ZWM10 for ZP240.190.105



ENG ZWM20 for enclosures:  
ZP150.150.60, ZP135.135.60, ZP120.120.60,  
ZP105.105.60, ZP150.100.60, ZP150.100.75,  
ZP180.120.90, ZP210.140.60

## Two-part wall mounting bracket



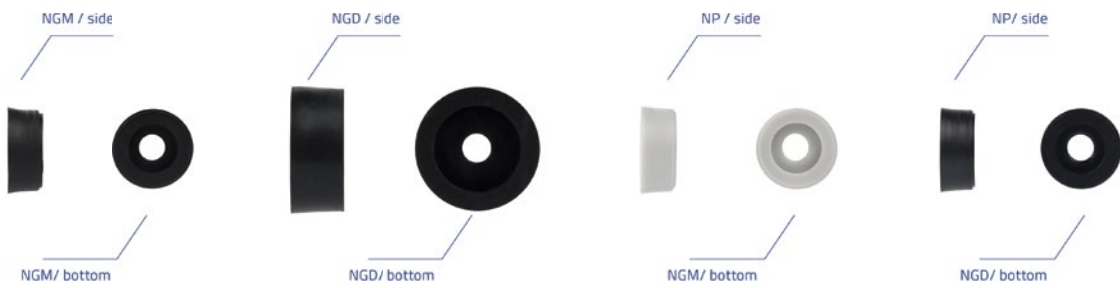
Two-part wall mounting bracket  
ZWM30-ZWM31 for 127 enclosure



## Bend protector

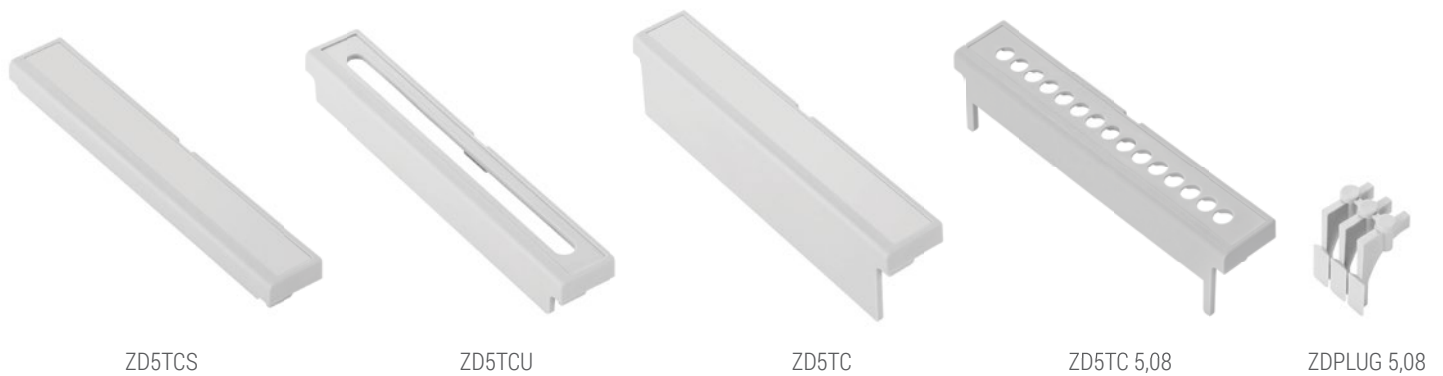


## Jig foot

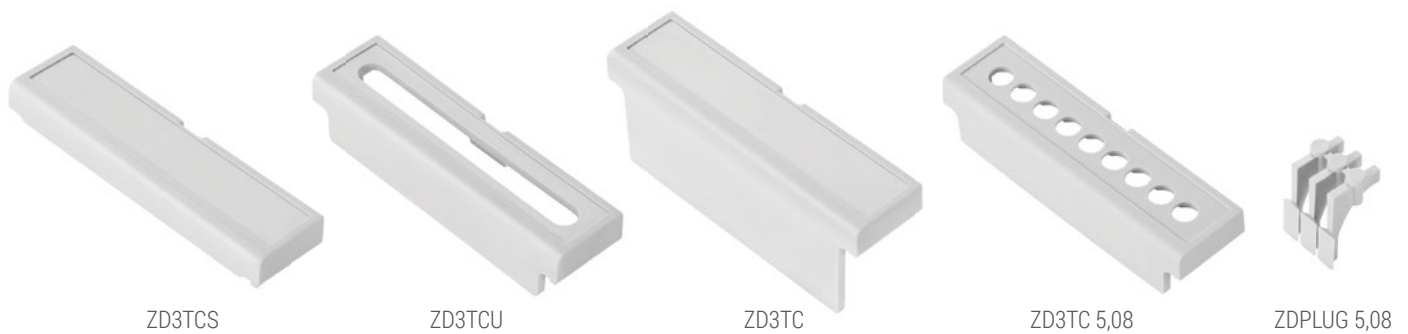


Types of jig feet available: rubber, small, rubber, large, plastic.

## Masking frames



Masking frames for enclosures: ZD1010 (10M) and ZD1005 (5M)



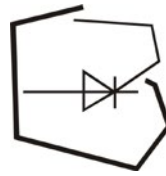
Masking frames for enclosures: ZD1009 (9M) and ZD1006 (6M)

## NOTES

A series of horizontal dotted lines for taking notes, spanning the width of the page.

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A series of horizontal dotted lines for taking notes, spanning the width of the page.



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Contact

T.: (+48 22) 613 08 88  
F.: (+48 22) 812 10 68

On-line

kradex@kradex.com.pl  
www.kradex.com.pl

Adress

ul. Naddnieprzańska 32  
04-205 Warszawa

