



MASZCZYK®
PLASTIC ENCLOSURES



MASZCZYK[®]
PLASTIC ENCLOSURES

"**MASZCZYK**" is leading producer of plastic enclosures and casings for electronics on the Polish market. We've been delivering our products to domestic and foreign customers since 1983. We are a family run business, founded and owned by Mr. Krzysztof Maszczyk.

At our facilities we stock various types of off-the-shelf enclosures.

Almost each week we enlarge our product line with a new model. Most of enclosures can be modified to meet personal requirements - whether you need an opening or change internal features - just provide us a drawing. Our tools have been designed to allow custom inserts to inexpensively modify our standard products.

We also manufacture fully customized enclosures according to customer's requirements. Because we handle all steps of the manufacturing process including injection molding, CNC machining, screen-printing, painting etc. you can be sure that your order will be processed quickly with a high level of quality from the very start to finish. You can choose any colour you like - either you choose from RAL specification or you supply us with a colour match.

We realize that enclosures are a vital part of keeping your invaluable products safe. That's why our highly skilled, experienced employees make sure that each enclosure that leaves our facility is double checked - that's why our customers get what they really want - the right product in the right quality.

On the other hand, realizing the constant need for OEM's to reduce costs, "MASZCZYK" has positioned pricing to compete with other companies in the electronics enclosures market. Our machines are running in two shifts six days a week. Thanks to that we were able to reduce our fixed costs and offer you an express service. So here you go - *high quality and low cost enclosures!*

Since we are a family business, we do care about the atmosphere while we work. After all we spend long hours working. That's why we do our best to make doing business with us a pleasure.

What else can we offer you?

Please contact us for details or check on our website: www.maszczyk.pl.



www.maszczyk.pl



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A

Standard Enclosures



SERIES A

Polystyrene material enclosures with rounded corners. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Base of enclosure with integral PCB guides and mounting studs. Polished surface finishing. Closing by four screws.

Z-76





Z-77



Z-78



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-75	95	45	23	PS	4	–	–
Z-76	109	60	28	PS	4	–	–
Z-77	124	72	38	PS	4	–	–
Z-78	154	85	43	PS	4	–	–



Standard Enclosures

B



Z-7A



Z-7B





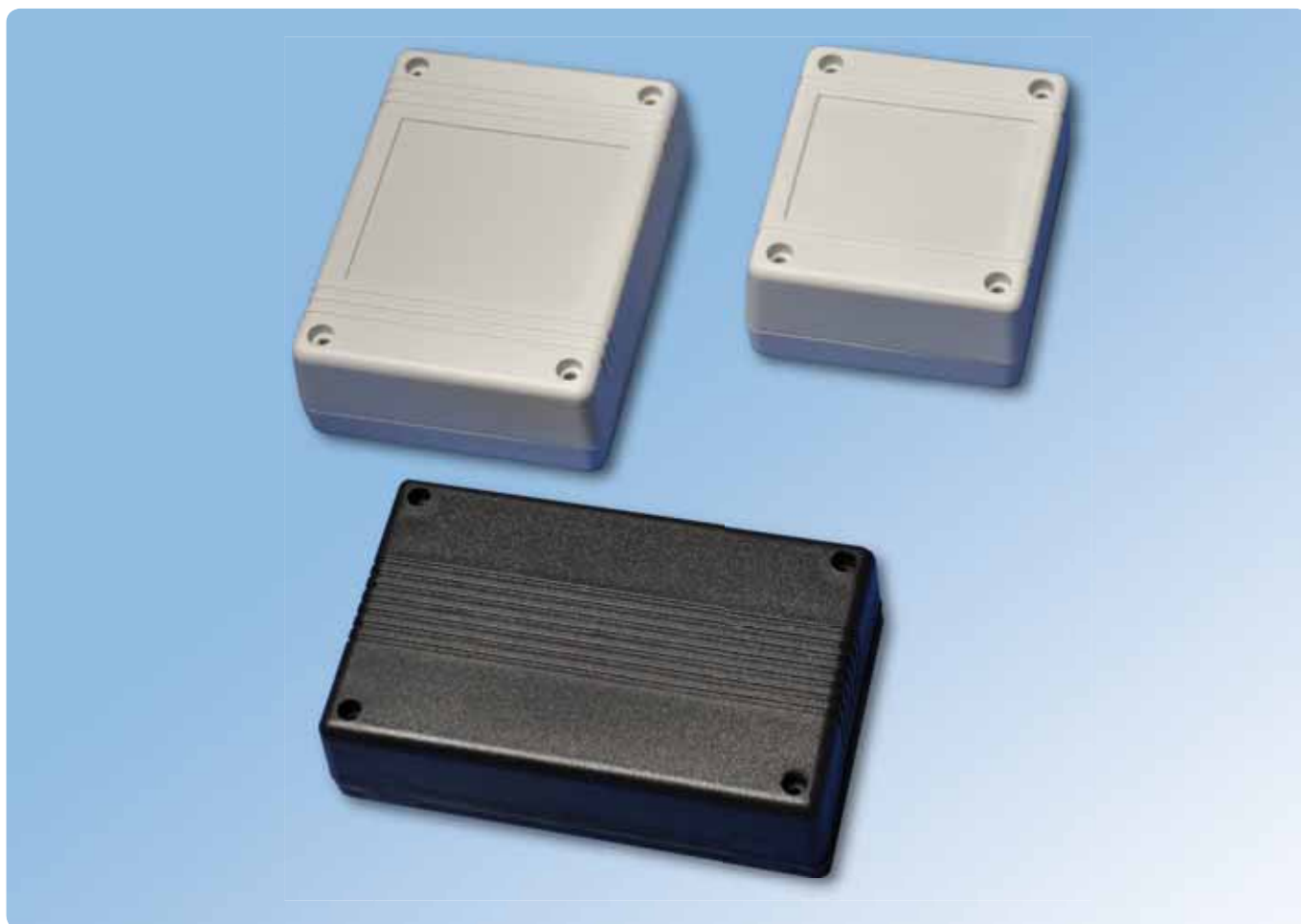
Z-7C



SERIES B

Polystyrene material enclosures with simple shapes. Secure with only one screw without any mounting studs inside. Matt surface finishing. Available colours RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-7B	106	55	23	PS	1	—	—
Z-7A	106	55	55	PS	1	—	—
Z-7C	106	55	40	PS	1	—	—



SERIES C

Polystyrene or ABS material enclosures, available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Cover of Z-79 and Z-80 has a recessed area suitable for a membrane keypad or displays. Matt surface finishing. Front closing by four screws. KM-40 available with screw covers.

KM-40





Z-80



Z-80

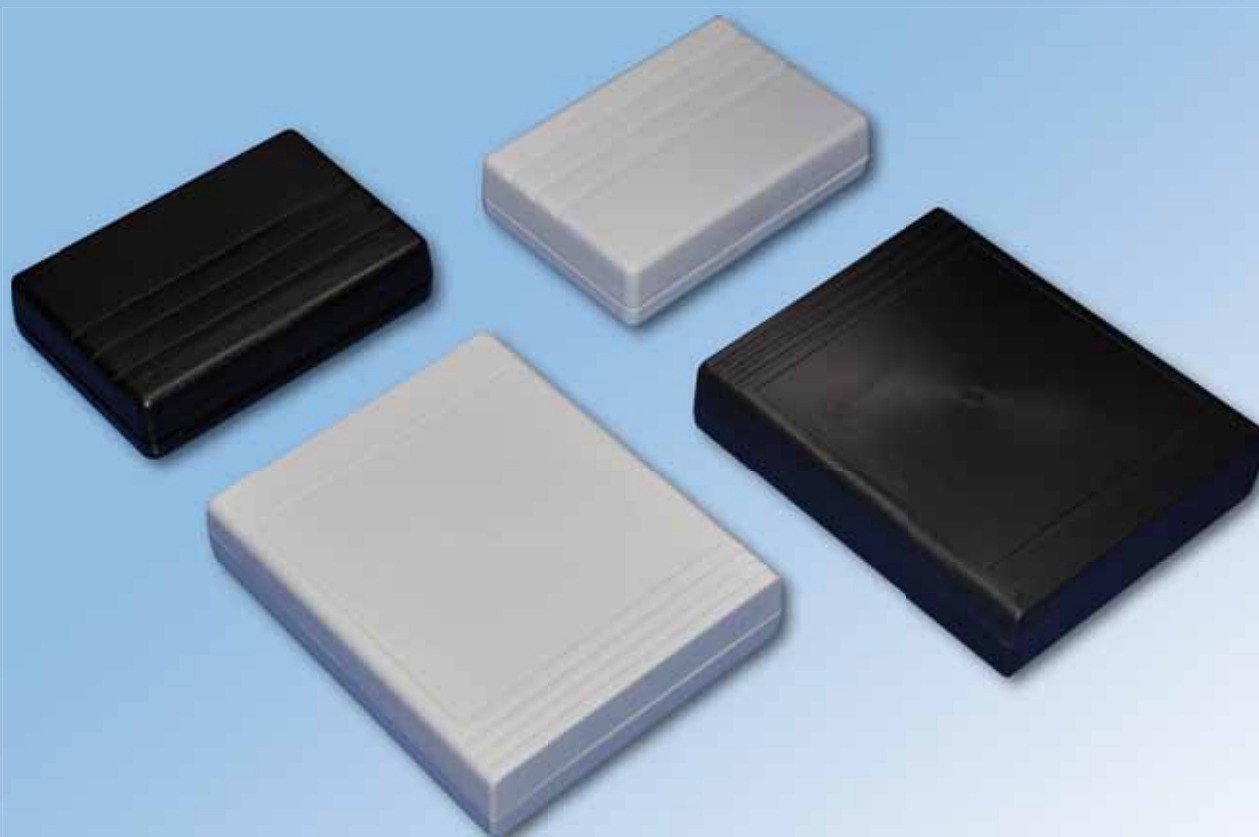


Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-79	90	80	38	PS	4	–	–
Z-80	119	89	38	PS	4	–	–
KM-40	130	80	35	ABS	4	–	–



Standard Enclosures

D



KM-39



KM-39





Z-28



SERIES D

Polystyrene or ABS material enclosures, available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Cover of Z-28 has a recessed area suitable for a membrane keypad or displays. Matt surface finishing. Closing by four screws.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-39	120	80	29	ABS	4	—	—
Z-28	143	119	33	PS	4	—	—

E

Standard Enclosures



SERIES E

Polystyrene material enclosures with rounded corners. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Casing with snap-on closing without any mounting studs inside. Polished and matt surface finishing. No screw required.

KM-59





KM-59B



KM-59

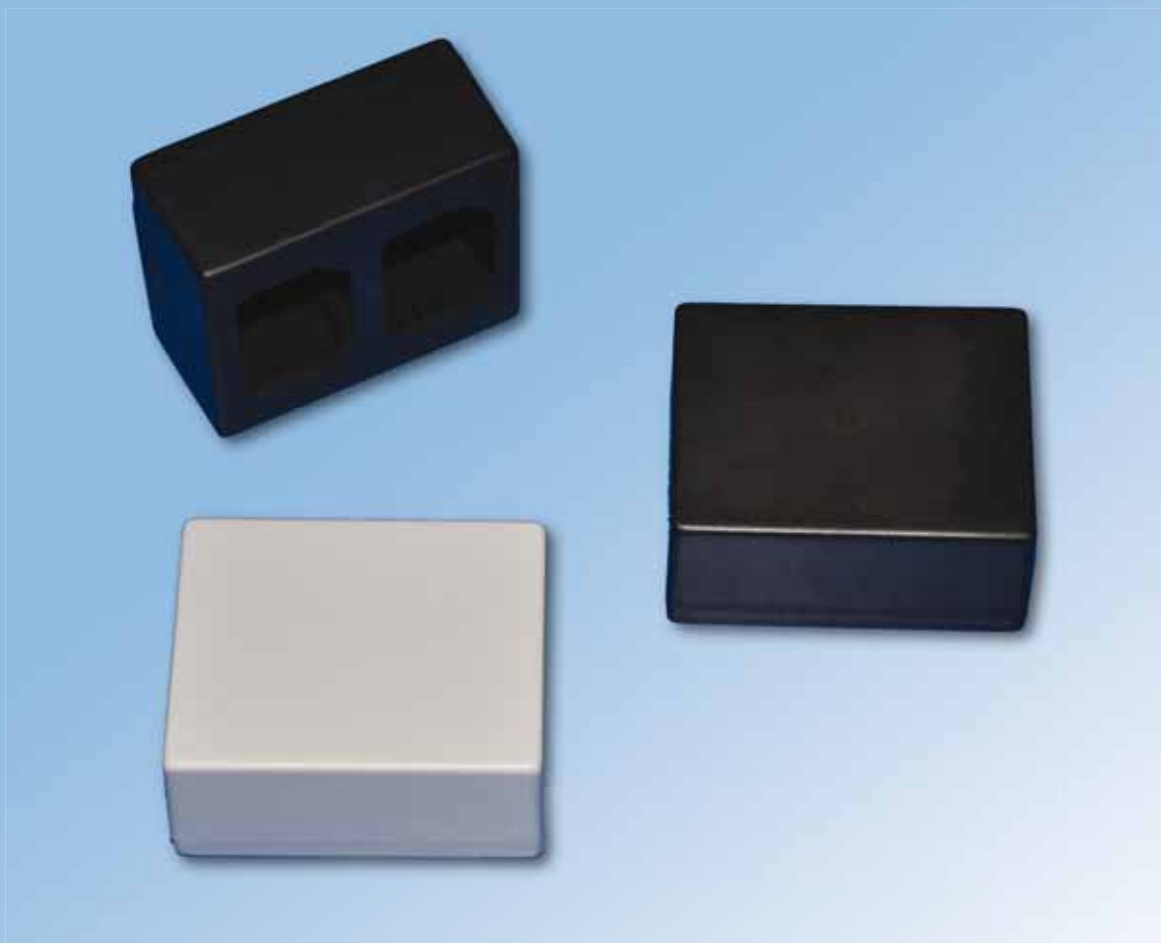


Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
KM-59B	113	75	47	PS	0	–	–
KM-59	113	75	56	PS	0	–	–



Standard Enclosures

F



KM-82



KM-82A



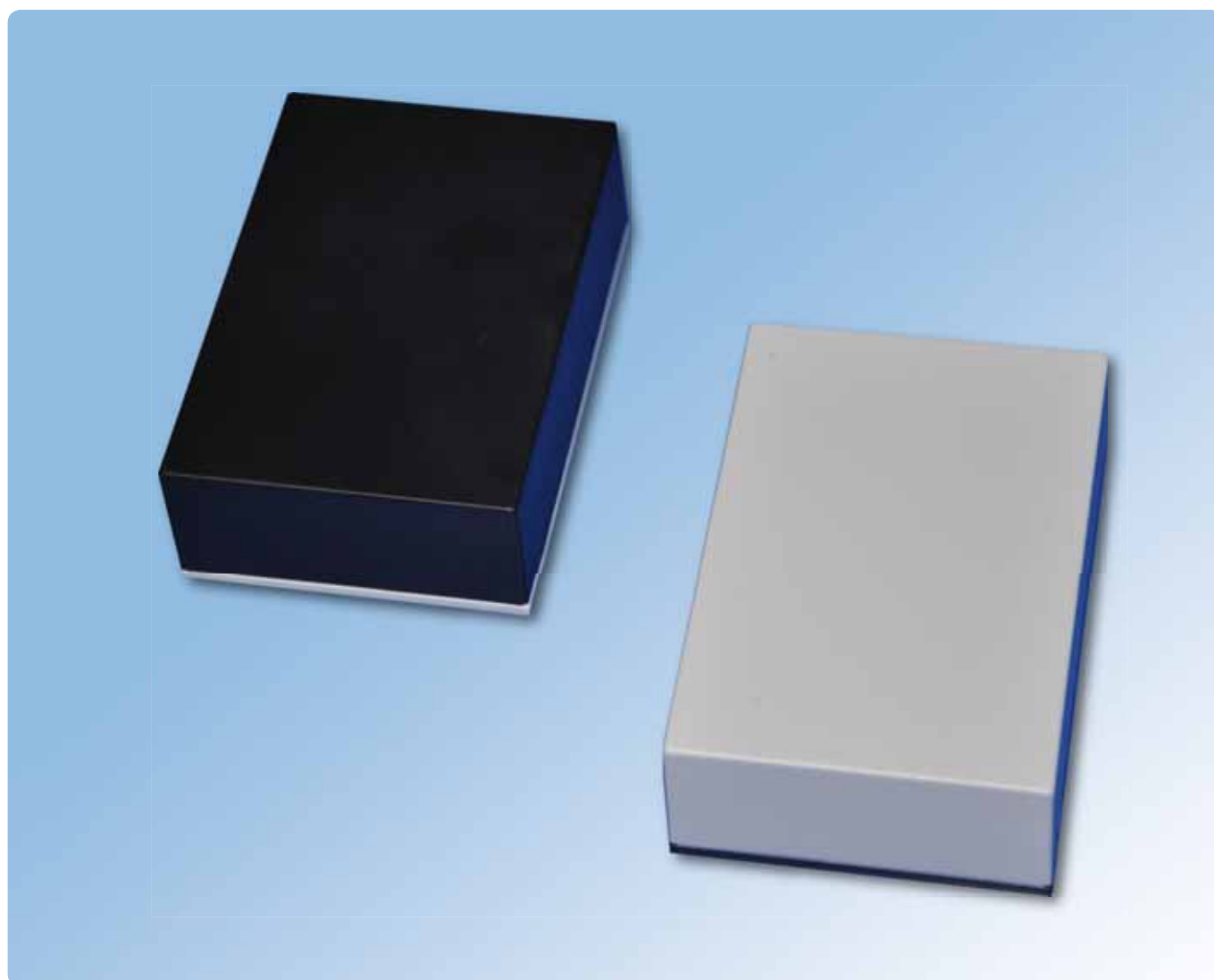
KM-82



SERIES F

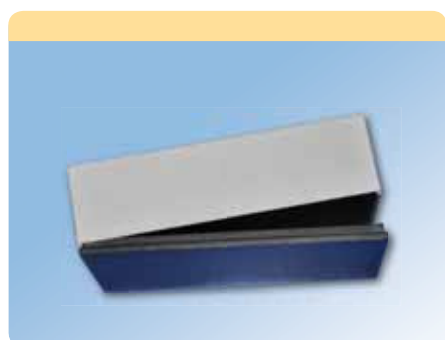
ABS material enclosure, available in RAL 9004 and RAL 7035 colours. Without any mounting studs inside. Secure with two screws. Matt surface finishing. Casing KM-82A with cut-outs at the cover for computer cable power.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-82	68	55	32	ABS	2	–	–
KM-82A	68	55	32	ABS	2	–	Openings



KM-4

ABS material enclosure with simple shape available in RAL 9004 and RAL 7035 colours. Snap together closing. Matt surface finishing. No screw required.

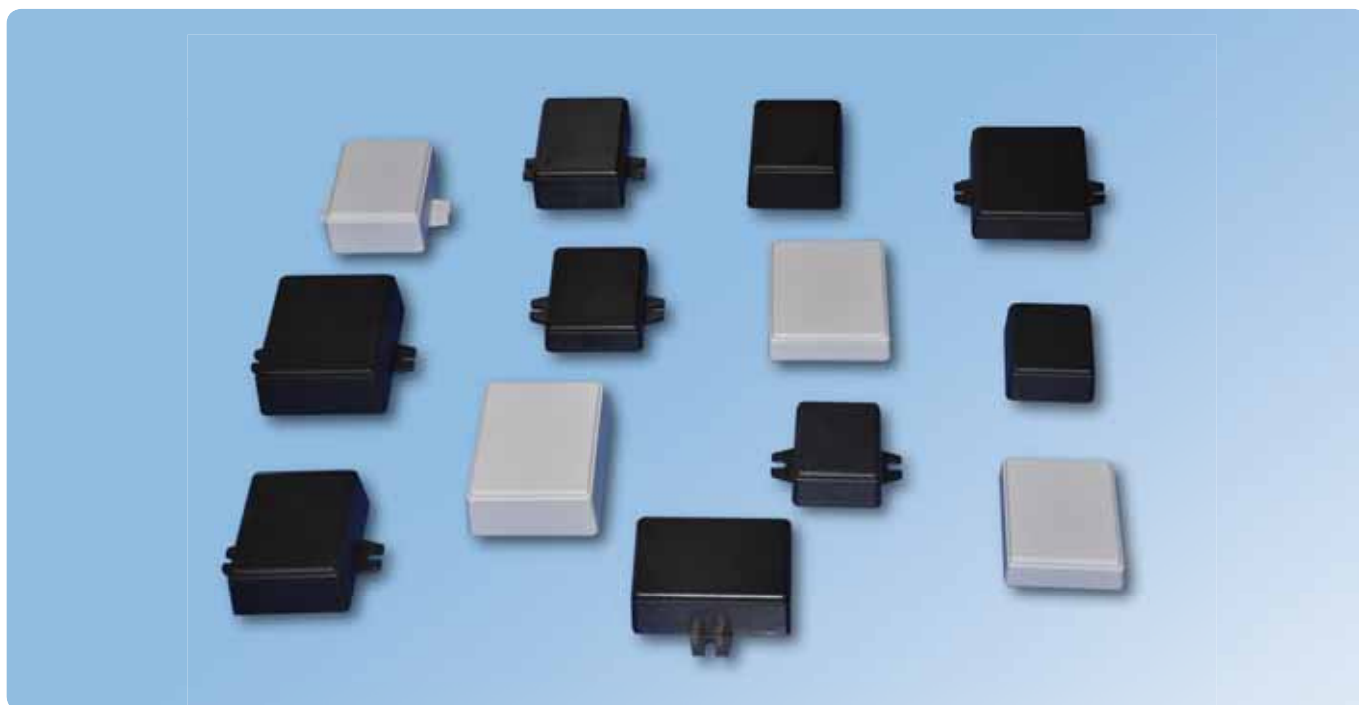


Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
KM-4	90	60	27	ABS	0	–	–



Standard Enclosures with mounting

A



KM-27-1, KM-27-2



Z-69U





Z-71



SERIES A

Polystyrene or ABS material enclosures, available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Some of the cases available with mounting ears. Closing by one or two screws. Matt surface finishing.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-47	50	40	20	PS	0	—	—
Z-47U	50	40	20	PS	0	—	Mounting tabs
Z-68	65	49	28	PS	2	—	—
Z-68U	65	49	28	PS	2	—	Mounting tabs
Z-69	65	50	18	PS	2	—	—
Z-69U	65	50	18	PS	2	—	Mounting tabs
KM-27	66	47	24	ABS	1	—	Mounting tabs
KM-27B	66	47	24	ABS	2	—	Mounting tabs, opening
KM-27C	66	47	24	ABS	1	—	—
Z-71	75	59	18	PS	2	—	—
Z-71U	75	59	18	PS	2	—	Mounting tabs
Z-70	76	59	28	PS	2	—	—
Z-70U	76	59	28	PS	2	—	Mounting tabs



SERIES B

Polystyrene material enclosures with a recessed area suitable for a membrane keypad or displays. Upon request ABS material available. Standard colours: RAL 9004 and RAL 7035. Some of the cases available with mounting ears. Cases Z-38 and Z-72 with feet in complete set. Cases with integral mounting studs inside for PCB. Matt surface finishing. Secured by four screws.

Z-38





Z-51



Z-52



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-73	109	79	32	PS	4	–	–
Z-52	145	73	40	PS	4	–	Mounting tabs
Z-51	153	48	27	PS	4	–	Mounting tabs
Z-38	170	84	36	PS	4	–	–
Z-72U	180	102	37	PS	4	–	Mounting tabs
Z-72	180	102	49	PS	4	–	–



Standard Enclosures with mounting

C



Z-34AU



Z-34B





Z-34U



SERIES C

Polystyrene material enclosures with a recessed area suitable for a membrane keypad or displays. Upon request ABS material available. Standard colours: RAL 9004 and RAL 7035. Enclosures Z-34B and Z-34AU available with mounting ears. Enclosures Z-34A and Z-34B with feet in complete set. Enclosures with integral mounting studs inside for PCB. Matt surface finishing. Secured by four screws.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-34AU	130	67	15	PS	4	—	Mounting tabs
Z-34A	130	67	20	PS	4	—	—
Z-34U	130	67	23	PS	4	—	Mounting tabs
Z-34	130	67	29	PS	4	—	—
Z-34B	130	67	37	PS	4	—	—

D

Standard Enclosures with mounting



SERIES D

Polystyrene or ABS material enclosures, available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral PCB mounting studs. Some of the cases available with mounting ears. Matt surface finishing. Secured by only one screw except Z-53 (four screws). KM-22 is snap-on closing enclosure and has a polished surface finishing. KM-22 and Z-23AU have a recessed area at the front suitable for a label.

KM-22





KM-23U



Z-53



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-23	84	59	30	PS	1	—	—
Z-23B	84	59	37	PS	1	—	—
KM-22	84	60	22	ABS	0	—	—
Z-23AU	85	60	17	PS	1	—	Mounting tabs
Z-23U	85	60	24	PS	1	—	Mounting tabs
Z-53	91	65	22	PS	4	—	Mounting tabs



Standard Enclosures with mounting

E



Z-24U



Z-24A





Z-24B



SERIES E

Polystyrene material enclosures with integral PCB mounting studs inside. Standard colours:RAL 9004 and RAL 7035. Enclosures Z-24U and Z-24AU have a mounting ears. Matt surface finishing. Secured by two screws.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-24U	66	47	30	PS	2	–	Mounting tabs
Z-24	66	47	38	PS	2	–	–
Z-24B	66	47	52	PS	2	–	–
Z-24AU	67	47	16	PS	2	–	Mounting tabs
Z-24A	67	48	25	PS	2	–	–



SERIES F

ABS material enclosures with a simple shape available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Matt surface finishing. Secured by one or two screws. Enclosure KM-26NB available with cutouts for loud-speaker. KM-26NC available with wall-mount ear.

KM-26NB





KM-26NC



KM-26N



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-26N	89	55	23	ABS	1	—	—
KM-26NB	89	55	23	ABS	2	—	Speaker openings
KM-26NC	89	55	23	ABS	2	—	Mounting tabs



Standard Enclosures with mounting



KM-21

ABS material enclosure, available in RAL 9004 and RAL 7035 colours. Mounting studs for PCB inside. Enclosure has a mounting ears, matt surface finishing and it's secured by two screws.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-21	72	55	21	ABS	2	–	–



SERIES A

ABS material enclosures with rounded corners. Standard colours available RAL 9004 and RAL 7035. Base of enclosures with integral PCB mounting studs. Matt surface finishing. Closing by two or four screws. All enclosures with mounting ears. Enclosures KM-54, KM-31N and KM-31NB have a cutout on a bigger side for cables. Enclosures KM-31NO and KM-53B available with ventilation cutouts. KM-53 and KM-53B also has a front panel and recessed area on the cover suitable for a membrane keypad, label or displays.

KM-31NO





KM-53



KM-86



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-86	71	51	27	ABS	2	—	—
KM-54	90	63	32	ABS	4	—	Opening
KM-54P	90	63	32	ABS	4	—	—
KM-31NP	114	78	32	ABS	4	—	—
KM-31NO	114	78	32	ABS	4	—	Ventilation cut-outs
KM-31N	114	78	32	ABS	4	—	Opening
KM-31NB	114	78	32	ABS	4	—	Opening
KM-53	115	90	37	ABS	4	—	—
KM-53B	115	90	37	ABS	4	—	Bigger recessed area





Wall-Mount Enclosures

B**KM-28****KM-28****KM-28B**

SERIES B

ABS material enclosures with a mounting areas. Available in RAL 9004 and RAL 7035 colours. Screws are not required, snap together closing. Matt surface finishing. Different configuration of openings for connectors.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-28	117	68	28	ABS	0	—	8 connectors
KM-28B	117	68	28	ABS	0	—	8 connectors, opening
KM-28C	117	68	28	ABS	0	—	11 connectors
KM-28F	117	68	28	ABS	0	—	Without openings



SERIES C

ABS material enclosure with a mounting areas. Secured by two screws without any mounting studs inside. Polished surface finishing. Available colours RAL 9004 and RAL 7035. Enclosures KM-29B and KM-29C available with two different openings for cables on shorter side.

KM-29





KM-29B



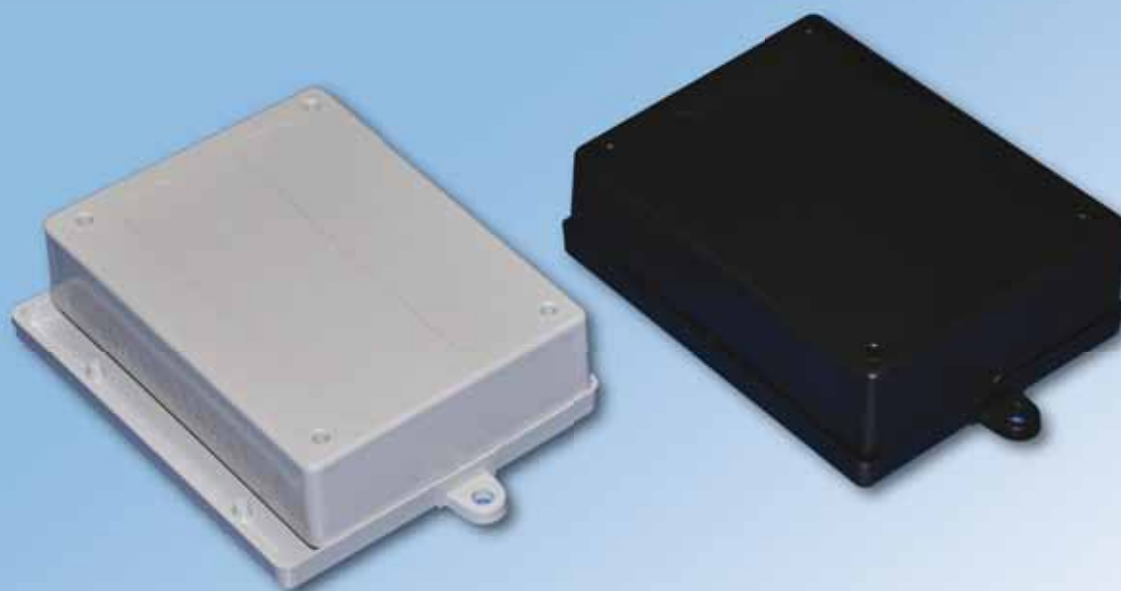
KM-29



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-29	90	65	29	ABS	2	—	—
KM-29B	90	65	29	ABS	2	—	Opening 42x12 mm
KM-29C	90	65	29	ABS	2	—	Opening 50x12 mm





Wall-Mount Enclosures

D**KM-38****KM-38B****KM-38**

SERIES D

ABS material enclosures, available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Polished surface finishing. Closing by four screws. Enclosure KM-38 has a bigger base suitable for connectors or cables. It's possible to screw from both sides of enclosure.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-38B	154	95	39	ABS	4	—	—
KM-38	154	110	39	ABS	4	—	—



SERIES E

ABS material enclosures with a recessed area suitable for a membrane keypad or displays. Standard colours available: RAL 9004 and RAL 7035. Enclosures with battery compartment and snap-on cover. Matt surface finishing. Secured by two screws. Wall-mount openings from rear side. In KM-51 enclosure also opening for cables from rear side.

KM-51





KM-83



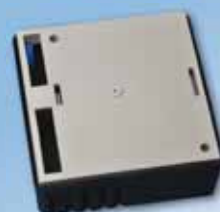
KM-83



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-51	170	80	46	ABS	2	—	Opening 63x18 mm
KM-83	170	81	32	ABS	2	—	—
KM-83B	170	81	32	ABS	2	—	Opening 63x18 mm





Wall-Mount Enclosures



KM-84

Simple wall-mount enclosure made of ABS material. Available in RAL 9004 and RAL 7035 colours. Cover has a recessed area suitable for a membrane keypad, label or displays at the front. From the rear side with openings for mounting and cables. Also includes ventilation cutouts on the cover. Polished and matt surface finishing. Secured by one screw.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-84	70	70	28	ABS	1	—	—



KM-41

ABS material enclosure with mounting openings, front and rear panel and matt surface finishing. Base of enclosure with integral PCB mounting studs. Secured by two screws. Available in colours RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-41	90	62	20	ABS	2	—	—



Wall-Mount Enclosures





KM-93

Simple wall-mount enclosure with mounting tabs, made of ABS material. Available in RAL 9004 colour. Matt surface finishing. No screw required, snap together closing.



KM-89

ABS material RAL 7035 enclosure with a recessed area suitable for a membrane keypad or displays at the front. Mounting to the wall by two screws. Matt surface finishing.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-93	130	49	36	ABS	0	—	—
Z-89	141	68	25	ABS	4	—	—



Z-29

Polystyrene material enclosure with mounting tabs and suitable area for a membrane keypad or displays at the front. Base of enclosure with integral PCB mounting studs. Matt surface finishing. Secured by two screws. Standard colours: RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-29	133	98	30	PS	2	—	—





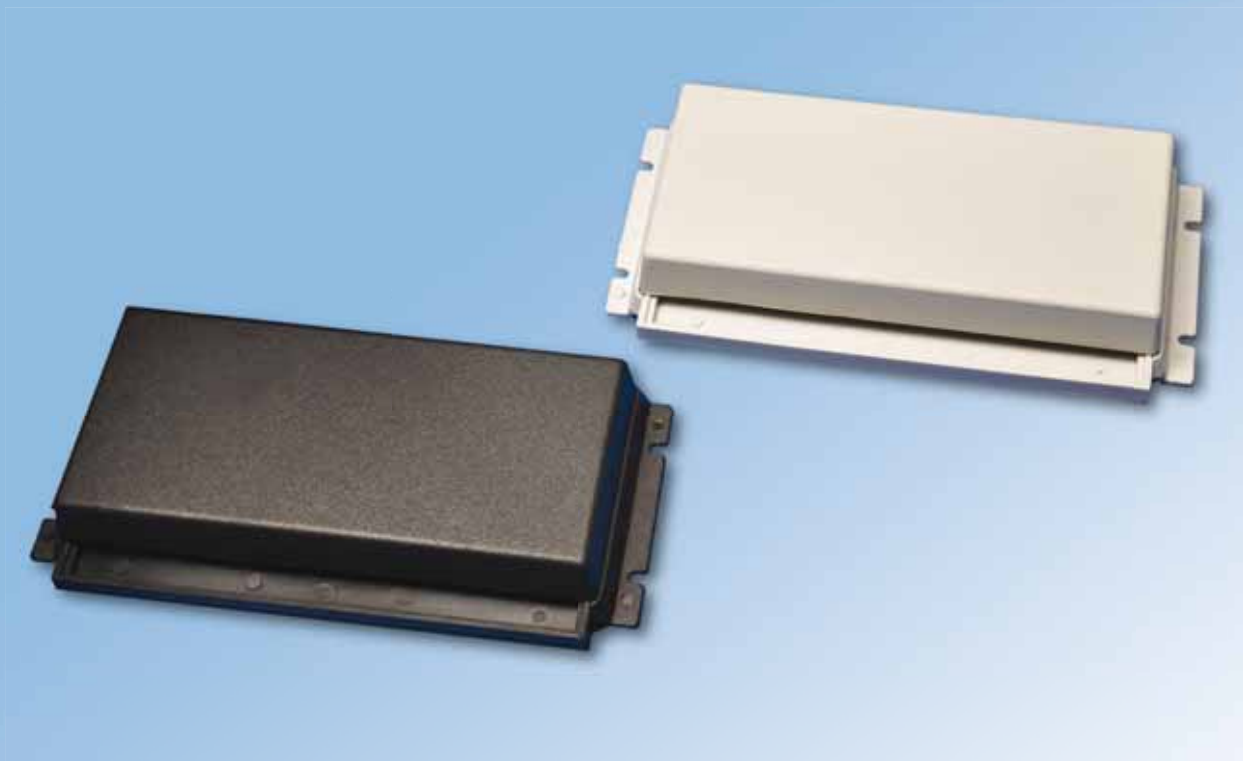
Wall-Mount Enclosures



Z-88

Polystyrene material enclosure. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Cover has a recessed areas suitable for a membrane keypad, label or displays. From the rear side mounting openings. Polished surface finishing. Secured by one screw.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-88	170	100	24	PS	1	—	—



KM-30

ABS material enclosure with mounting tabs. Available in RAL 9004 and RAL 7035 colours. Bigger base suitable for connectors or cables. Matt surface finishing. Closing by four screws.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-30	194	84	31	ABS	4	—	—



SERIES A

Polystyrene material enclosures with ventilation openings. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Each half-shell has a integral mounting studs for PCB. Front and rear panel included. Matt surface finishing. Secured by four screws, with plastic feet except Z-3A (one screw).

KM-85B





Z-2A



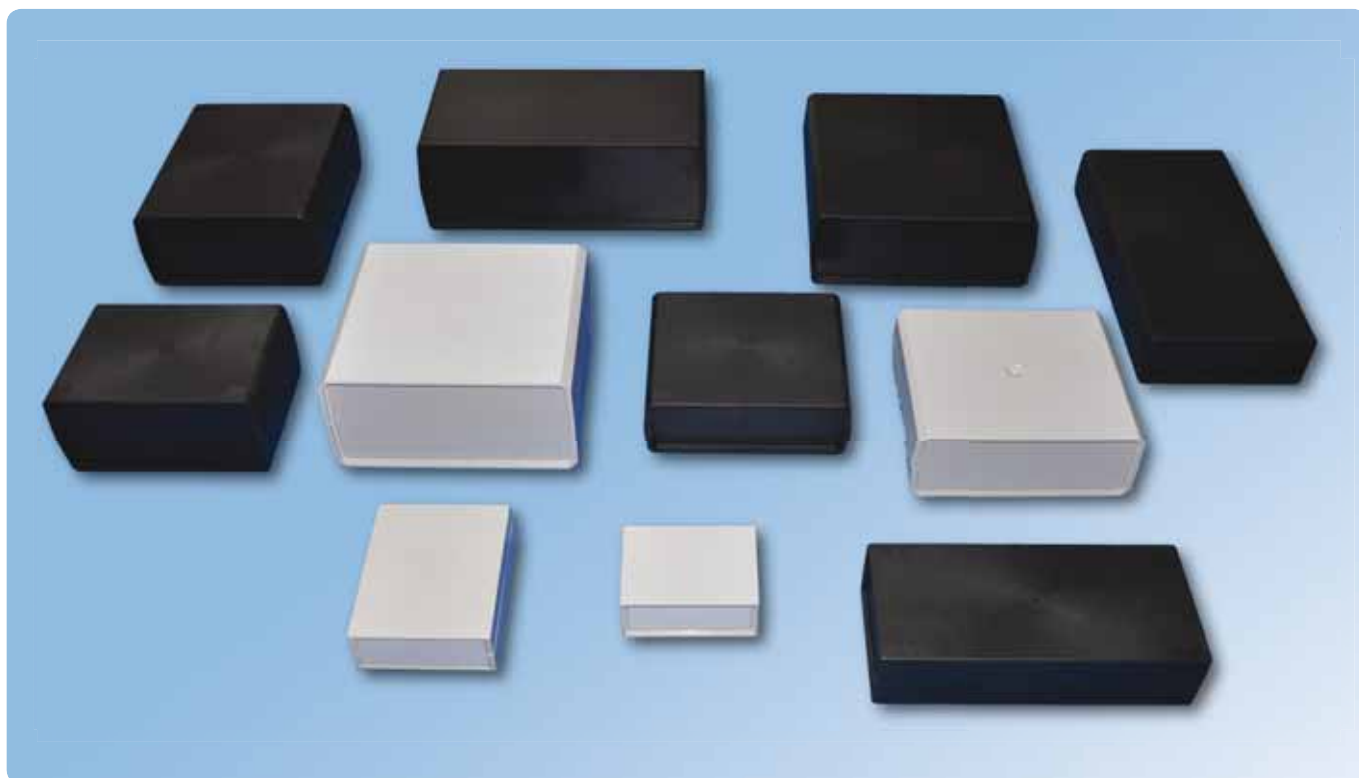
Z-2W



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-3A	110	89	68	PS	1	–	–
Z-3W	110	150	72	PS	4	–	–
Z-4W	130	150	50	PS	4	–	–
Z-1A	172	178	68	PS	4	–	–
KM-85B	180	160	85	PS	4	–	–
Z-2A	181	149	90	PS	4	–	–
Z-2W	181	150	70	PS	4	–	–
Z-1W	200	191	70	PS	4	–	–
Z-39	216	297	118	PS	4	–	–
Z-17	217	237	94	PS	4	–	–

B

Panel Enclosures



KM-35



KM-60





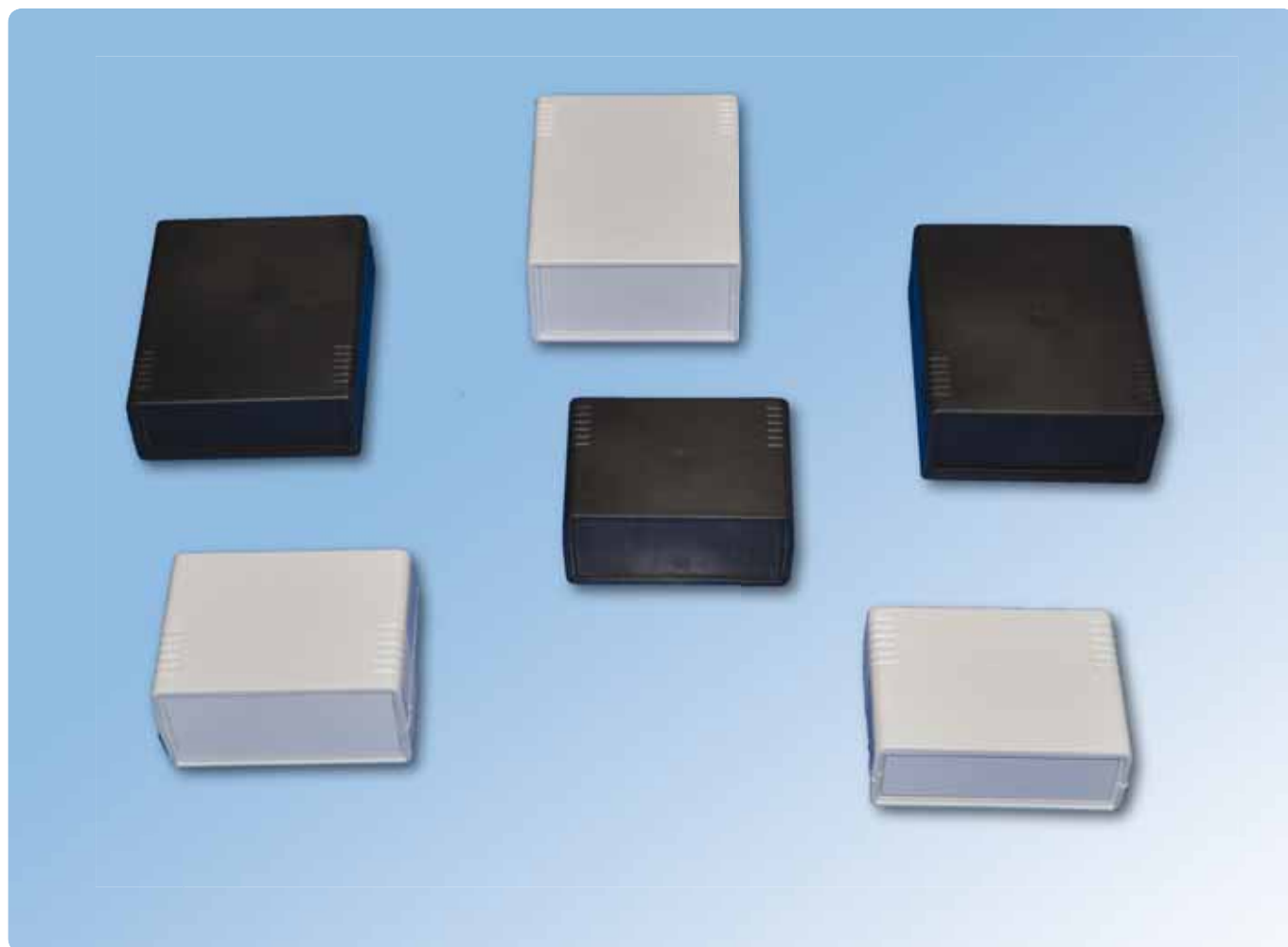
Z-5B



SERIES B

Polystyrene material enclosures with front and rear panel. Upon request ABS material available. Each half-shell has a integral PCB mounting studs. In some enclosures feet included. Matt surface finishing. Secured by four screws, except KM-35 and KM-35B (one screw). Available in RAL 9004 and RAL 7035 colours.

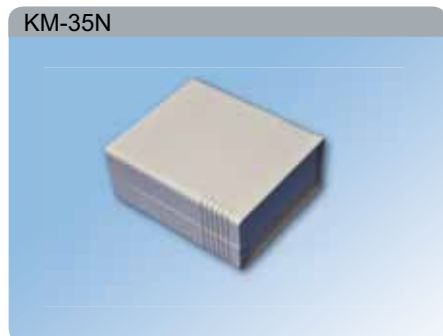
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-35B	88	64	35	PS/ABS	1	–	–
Z-3P	110	150	71	PS	4	–	–
KM-35	111	91	35	PS/ABS	1	–	–
Z-4P	130	149	50	PS	4	–	–
Z-15	149	253	89	PS	4	–	–
KM-60	159	140	60	PS/ABS	4	–	–
KM-85	180	160	85	PS/ABS	4	–	–
Z-2P	184	149	70	PS	4	–	–
Z-1P	200	191	70	PS	4	–	–
Z-5B	202	89	49	PS	4	–	–
Z-37	256	128	49	PS	4	–	–



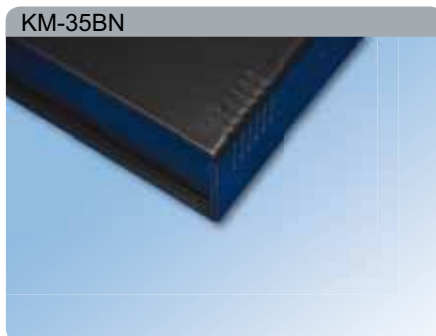
SERIES C

ABS material enclosures with two plastic panels and one screw for closing. Matt surface finishing. Each half-shell with a integral mounting studs for PCB. Available in RAL 9004 and RAL 7035 colours.

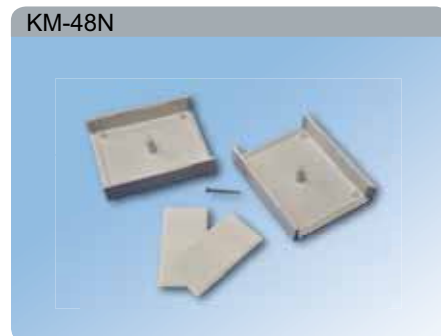
KM-35N





KM-35BN



KM-48N



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-35BN	88	64	35	ABS	1	–	–
KM-42BN	88	64	43	ABS	1	–	–
KM-48BN	88	64	49	ABS	1	–	–
KM-35N	111	91	35	ABS	1	–	–
KM-42N	111	91	43	ABS	1	–	–
KM-48N	111	91	49	ABS	1	–	–

D

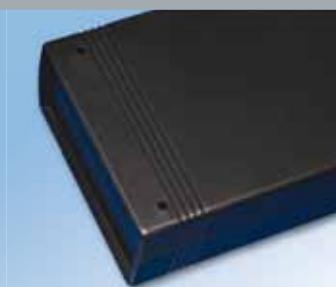
Panel Enclosures



Z-50



Z-50B





Z-50A



SERIES D

Polystyrene material enclosures available in RAL 9004 and RAL 7035. Front and rear panel included. Enclosures with feet secured by four screws. Each half-shell with a integral mounting studs for PCB. Matt surface finishing.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-50A	147	92	37	PS	4	—	—
Z-50	147	92	43	PS	4	—	—
Z-50B	147	92	50	PS	4	—	—



SERIES E

ABS or Polystyrene material enclosures with front panel. Standard colours RAL 9004 and RAL 7035. Each half-shell has a integral mounting studs for PCB. Matt surface finishing. Secured by screws with feet. Enclosures KM-56 and KM-56B with a suitable area for a label on the cover. KM-56B also with a electrical socket.

KM-50





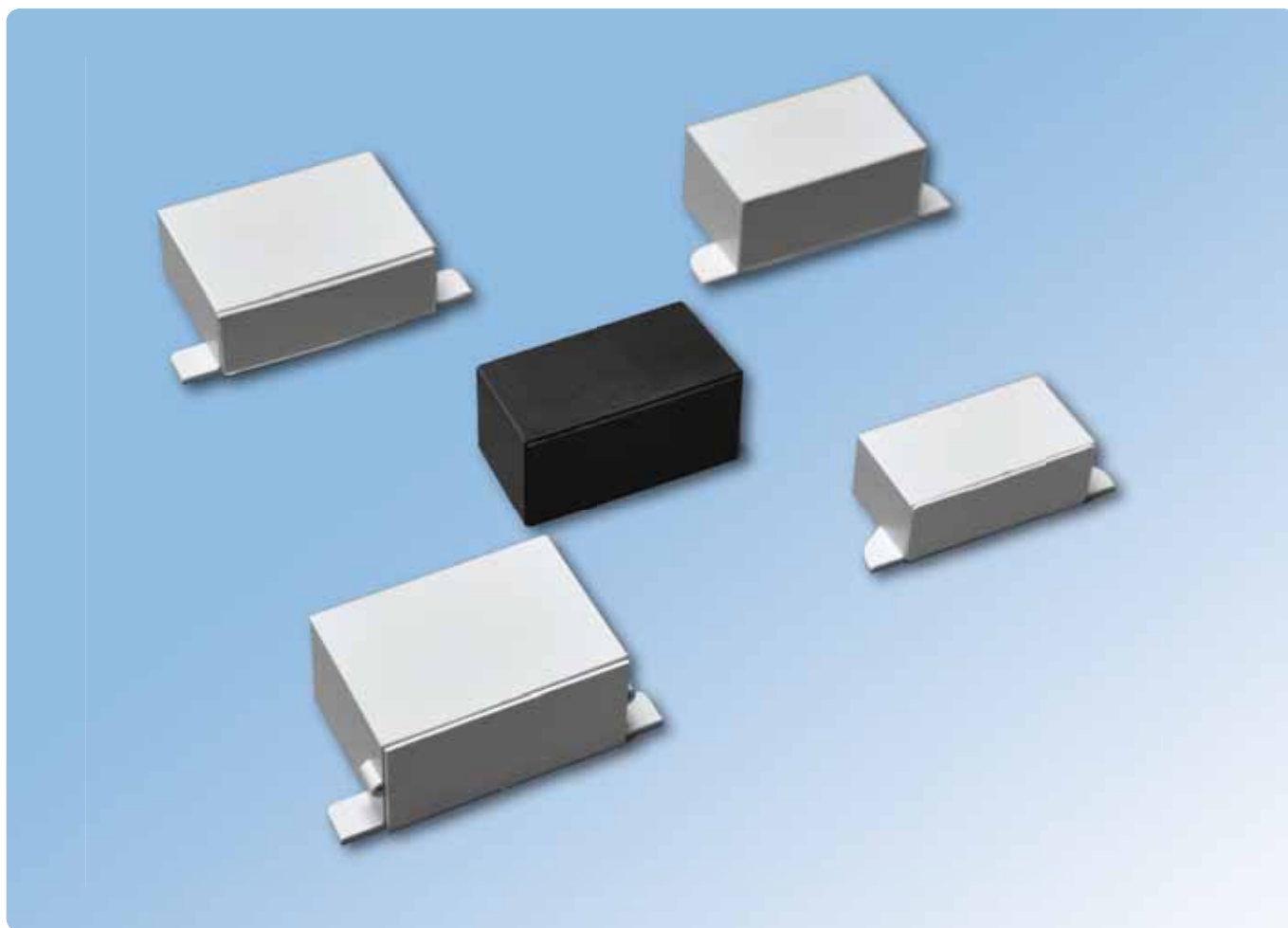
Z-26



Z-60



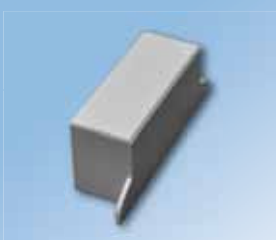
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-60	74	68	36	PS	1	—	—
KM-56	115	100	56	ABS	2	—	—
KM-56B	115	100	56	ABS	2	—	FI-47 (socket)
KM-50	150	95	50	PS	4	—	—
Z-26	223	220	60	PS	4	—	—



KM-25



KM-31





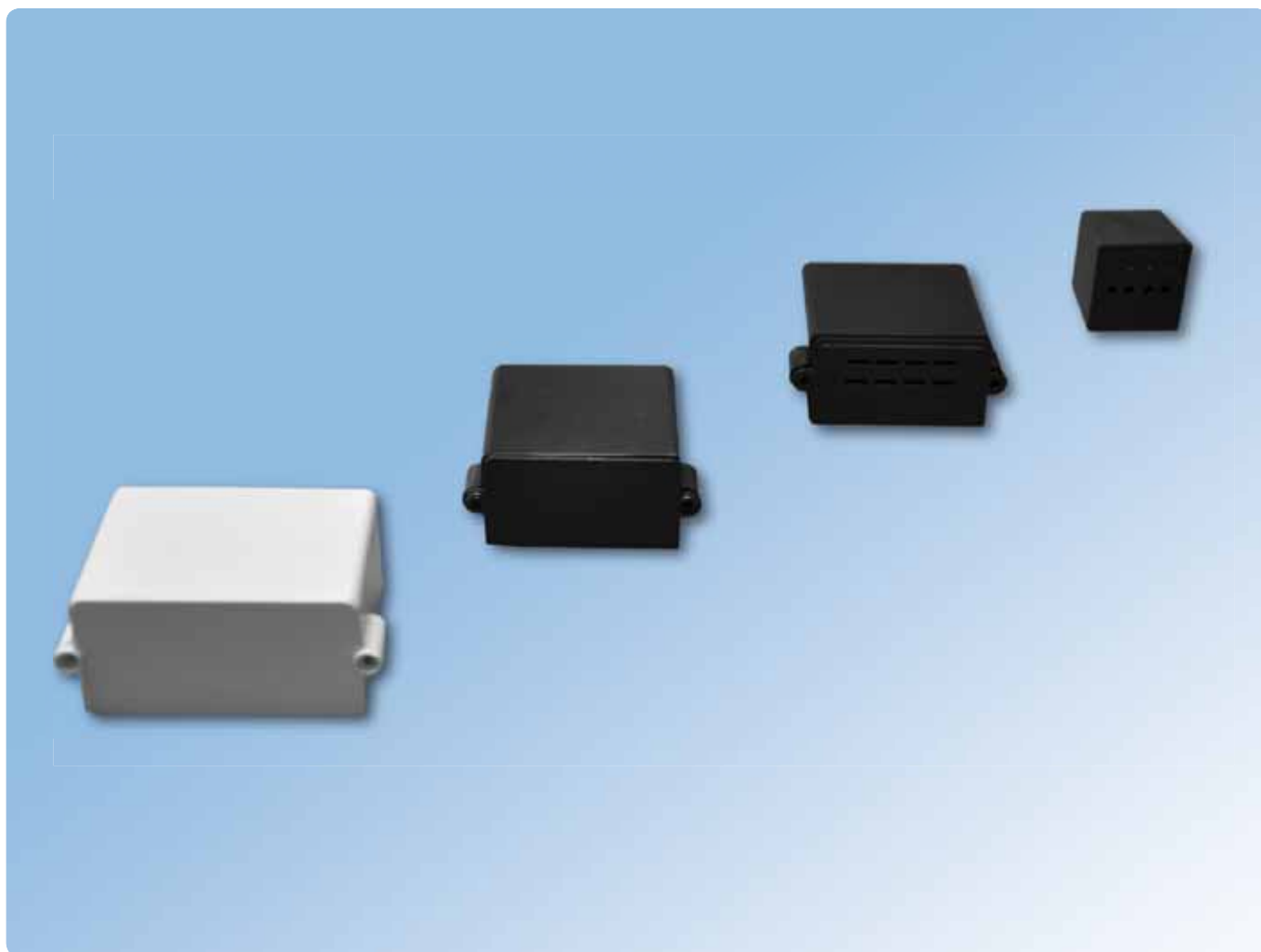
KM-34



SERIES F

Simple ABS material enclosures with snap-on front panel and mounting tabs. No screws required. Polished surface finishing. Available in RAL 9004 and RAL 7035 colours.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-8A	37	70	34	PS	0	—	—
KM-25B	60	32	25	ABS	0	—	—
KM-25	70	50	25	ABS	0	—	—
KM-34	70	50	34	ABS	0	—	—
KM-31	90	38	31	ABS	0	—	—



SERIES G

Simple ABS material enclosures with front panel mounted by two screws. Mounting tab from rear side. Polished surface finishing. Available in RAL 9004 and RAL 7035 colours.

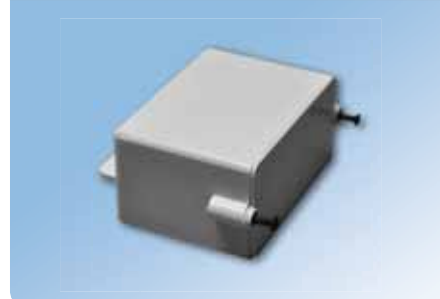
KM-16





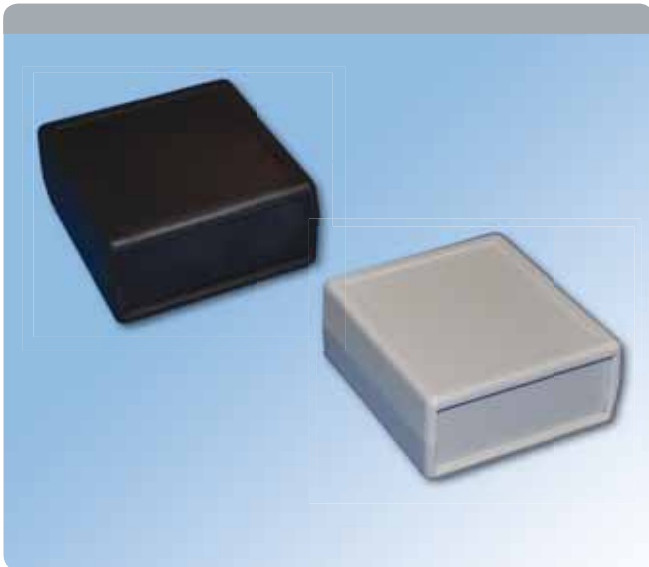
KM-18



KM-44



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-16	36	31	31	ABS	0	—	—
KM-18	55	55	30	ABS	2	—	—
KM-44	70	50	36	ABS	2	—	—
KM-18B	70	50	36	ABS	2	—	Different panel





Z-67

Polystyrene material enclosure with front and rear panel, available in RAL 9004 and RAL 7035 colours. Base with integral PCB mounting studs. Closing by two screws. Polished and matt surface finishing. Cover has a recessed area suitable for a membrane keypad, label or displays.



KM-87

ABS material enclosure available also in RAL 7035 colour. With front panel, mounting tabs from rear side, matt surface finishing and snap-on closing. Base of enclosure with integral mounting studs for PCB.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-67	69	63	29	PS	2	–	–
KM-87	85	56	28	ABS	0	–	–





Panel Enclosures

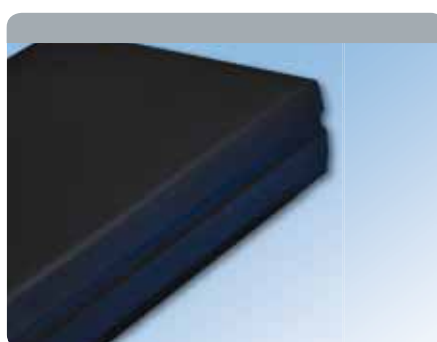
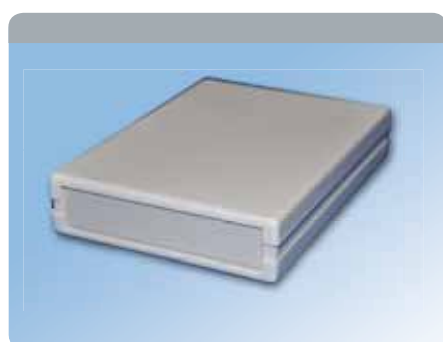
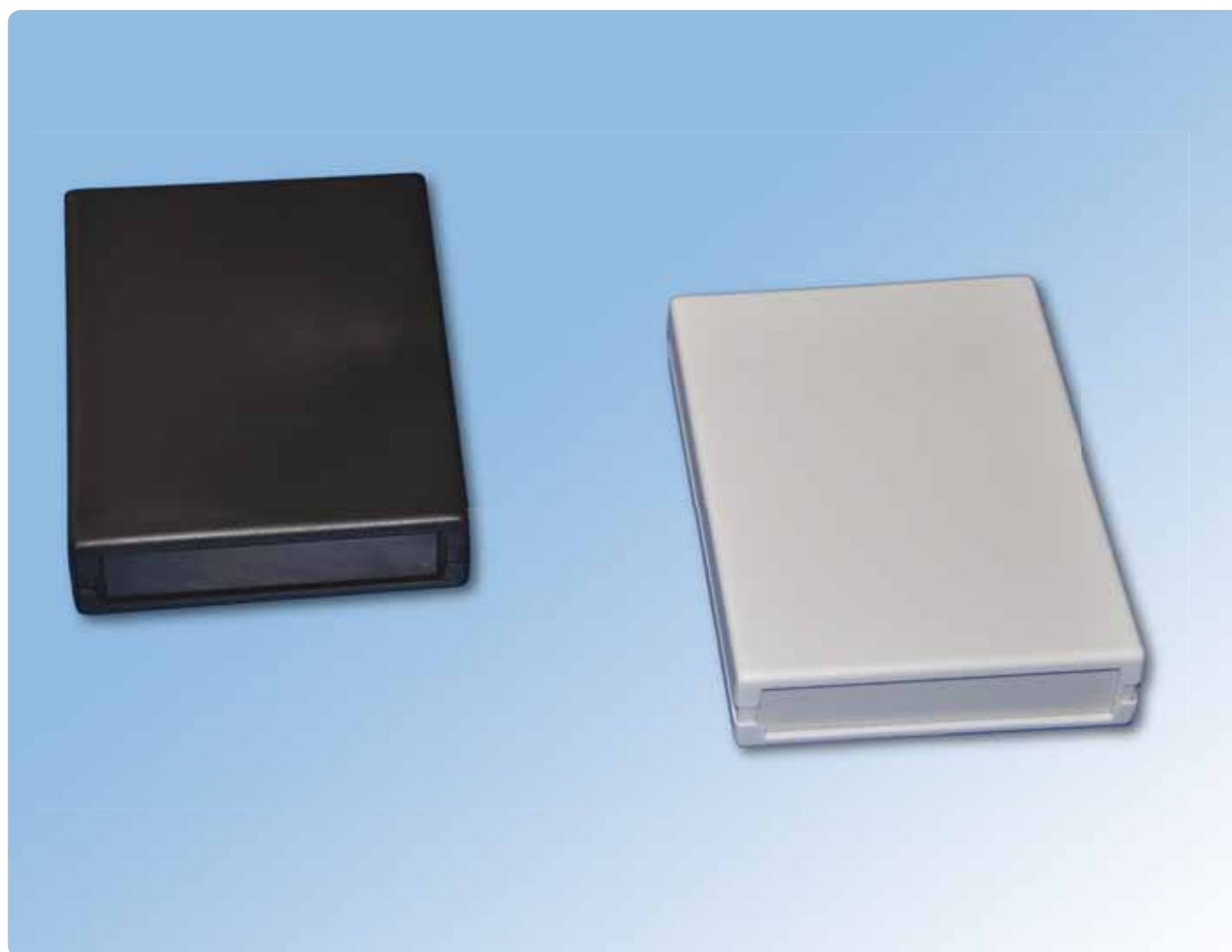


Z-36

Polystyrene material enclosure with front and rear panel. Integral mounting studs for PCB inside. Four screws and feet included. Matt surface finishing. Underneath suitable area for a label. Available in RAL 9004 and RAL 7035 colours.





Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-36	125	67	41	PS	4	–	–



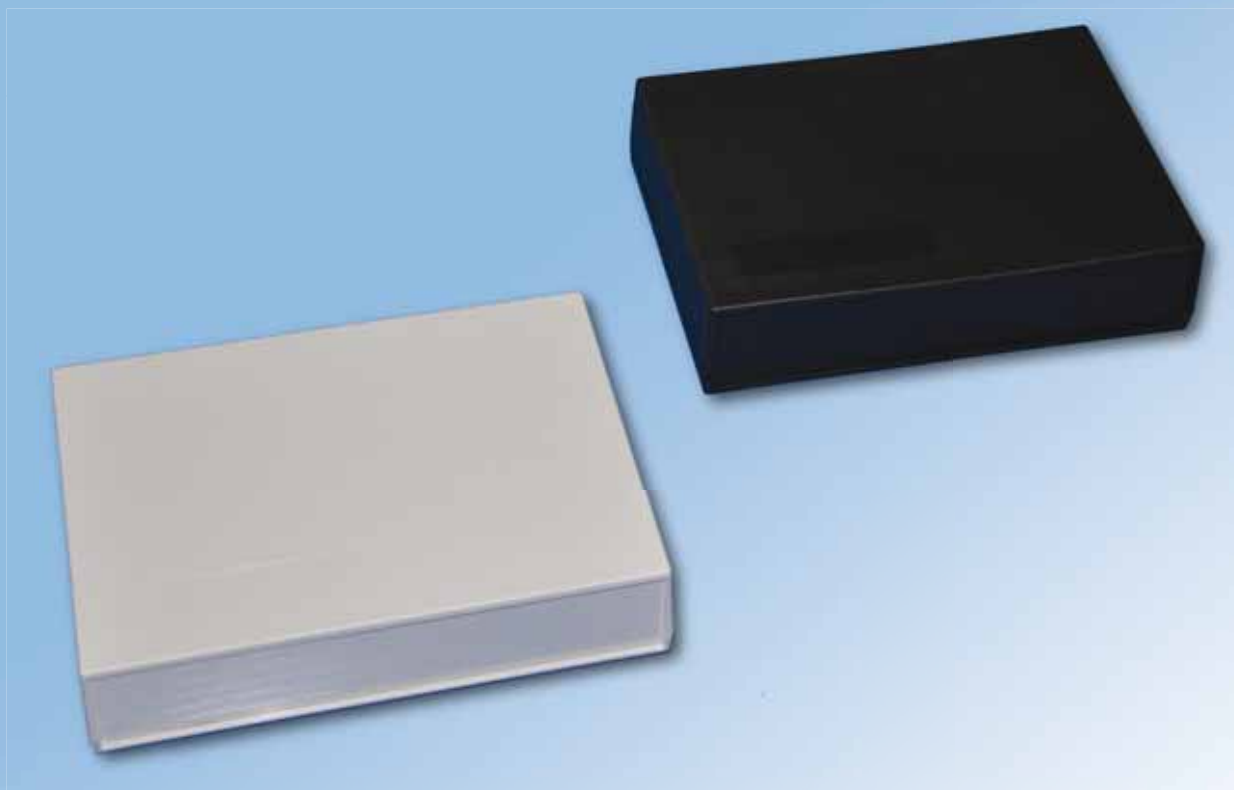
Z-19

Polystyrene material enclosure. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Base of enclosure with integral PCB mounting studs. Snap together closing, no screws required. Front and rear panel included. Matt surface finishing.

Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
Z-19	129	94	27	PS	0	–	–

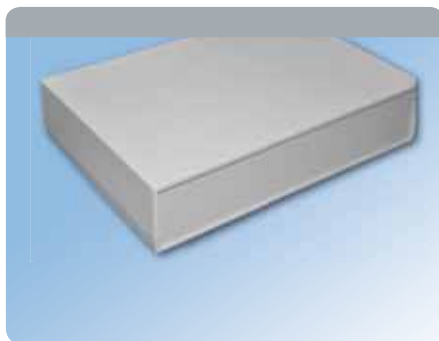




Panel Enclosures

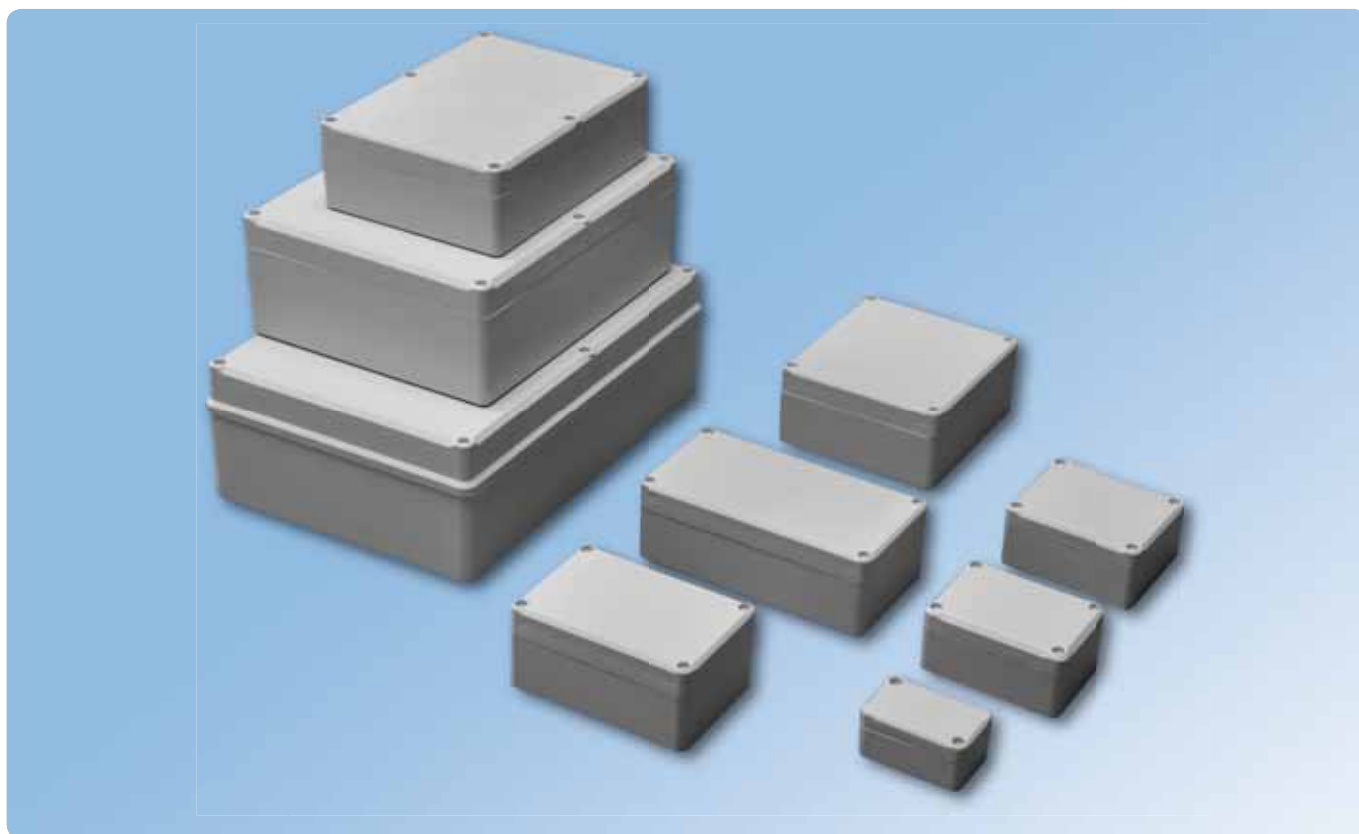


KM-106

ABS material enclosure available in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB. Front and rear panel, four screws and screw covers included. Matt surface finishing. On the cover is a recessed area suitable for a label.



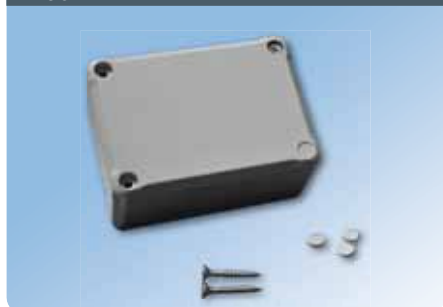
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-106	188	136	42	ABS	4	—	—



SERIES A

Polystyrene material enclosures manufactured in RAL 7035 colour. Upon request ABS material available. Base of enclosure with integral PCB guides and mounting studs. Base of enclosure includes wall-mount openings. Available with elastomer gasket for hermetical protection and screw covers. Polished surface finishing. Closing by four or six screws.

Z-56





Z-54



Z-57



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-65	64	40	30	PS/ABS	2	—	Fi-30; Fi-31
Z-56	88	64	42	PS/ABS	4	—	Fi-20; Fi-31
Z-54	89	74	41	PS/ABS	4	—	Fi-20; Fi-31
Z-57	118	78	55	PS/ABS	4	—	Fi-21; Fi-31
Z-59	125	115	58	PS/ABS	4	—	Fi-27; Fi-31
Z-58	158	82	55	PS/ABS	4	—	Fi-27; Fi-31
Z-74	176	125	56	PS/ABS	6	—	Fi-28; Fi-31
Z-90	225	175	80	PS/ABS	6	—	Fi-29; Fi-31
Z-95	282	194	96	PS/ABS	6	—	Fi-45; Fi-31



Hermetic Enclosures

B



KM-78



MK-78





KM-75



SERIES B

ABS material enclosures with polished surface finishing. Base of enclosure with a wall-mount openings and mounting studs for PCB. Available with screw covers and elastomer gasket for hermetical protection. Secured by four screws. Standard colours RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-78	120	80	27	ABS	4	—	Fi-21, Fi-48
KM-77	120	80	31	ABS	4	—	Fi-21, Fi-48
KM-76	120	80	36	ABS	4	—	Fi-21, Fi-48
KM-75	120	80	41	ABS	4	—	Fi-21, Fi-48



SERIES C

ABS material enclosures with rounded corners and polished surface finishing. Base of enclosure with integral PCB mounting studs and circle area suitable for a gasket. Case KM-55A available with mounting tabs. Cases available in RAL 9004 and RAL 7035 colours.

KM-55A





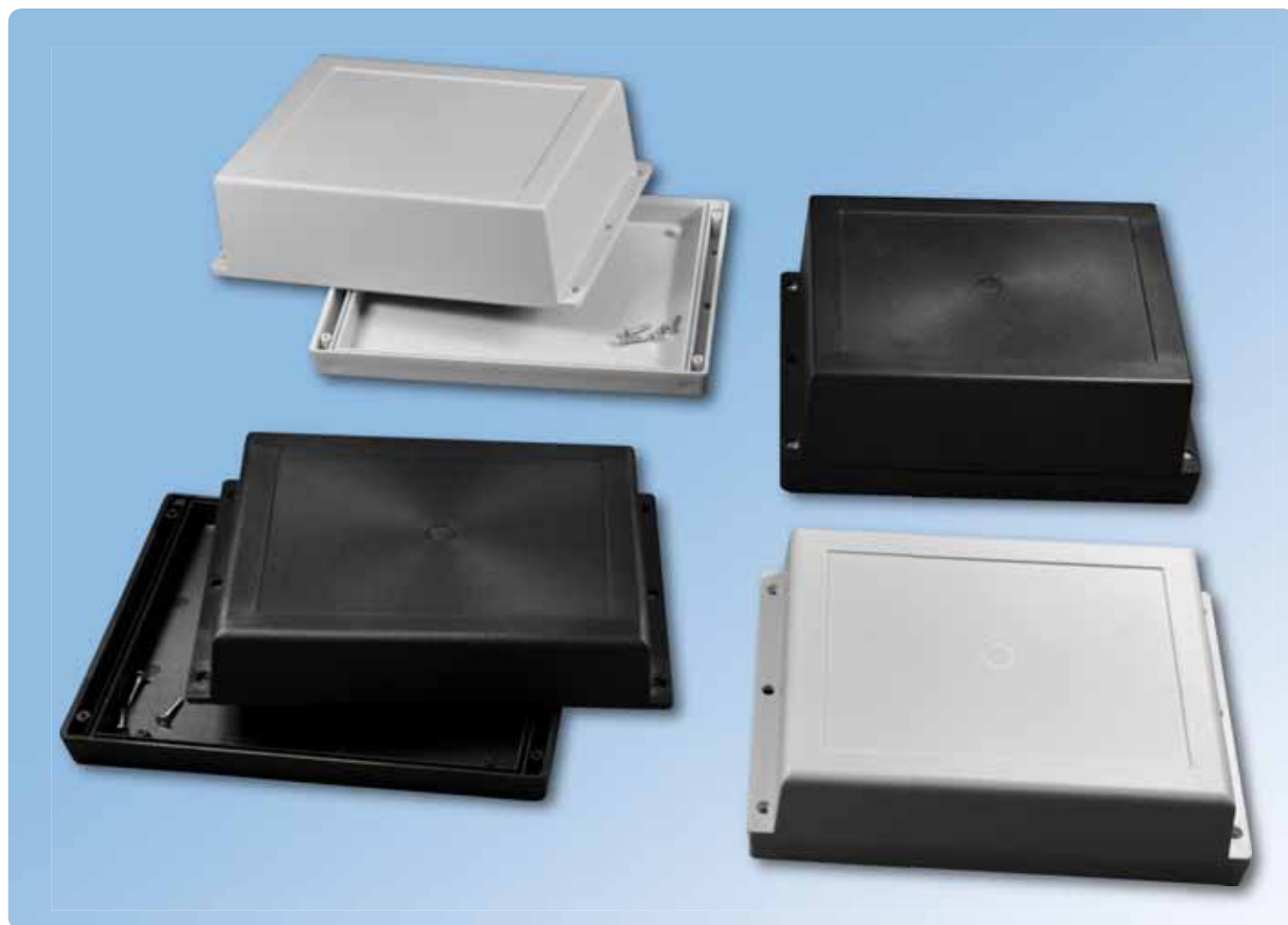
KM-55



KM-55, KM-55A



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-55	120	70	40	ABS	4	—	Fi-21, mounting tabs
KM-55A	120	70	40	ABS	4	—	Fi-21



Z-46A



Z-46





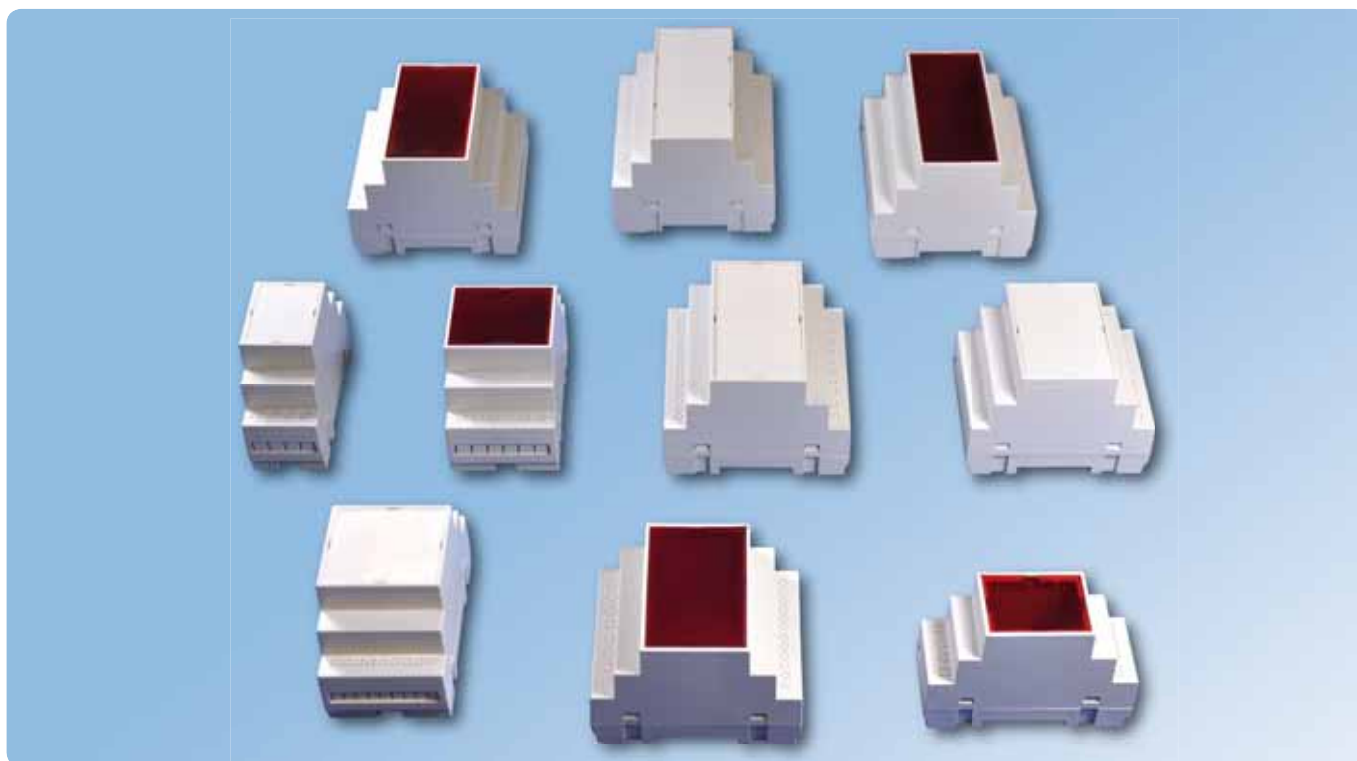
Z-46



SERIES D

Polystyrene material enclosures manufactured in RAL 9004 and RAL 7035 colours. Base of enclosure with integral mounting studs for PCB and circle area for a gasket. Cover with mounting tabs and a recessed area suitable for a membrane keypad, label or displays. Matt surface finishing. Closing by four screws.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-46	198	144	53	PS	4	—	Fi-50
Z-46A	198	144	73	PS	4	—	Fi-50



SERIES A

Range of enclosures for Din rail mounting made of flame retardant ABS material according to UL94-V0. Available in RAL 7035 colour. Base of enclosures with integral mounting studs for PCB. Polished surface finishing. Snap together closing, no screw required. Upon request transparent window cover available. Enclosures are suitable for components such as terminals, connectors or PCB plug headers.

Z-109





Z-106



Z-110F



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-106	35	90	65	ABS V0	—	—	—
Z-106F	35	90	65	ABS V0	—	—	Transparent window
Z-107	53	90	65	ABS V0	—	—	—
Z-107F	53	90	65	ABS V0	—	—	Transparent window
Z-108	70	90	65	ABS V0	—	—	—
Z-108F	70	90	65	ABS V0	—	—	Transparent window
Z-109	87	90	65	ABS V0	—	—	—
Z-109F	87	90	65	ABS V0	—	—	Transparent window
Z-110	105	90	65	ABS V0	—	—	—
Z-110F	105	90	65	ABS V0	—	—	Transparent window

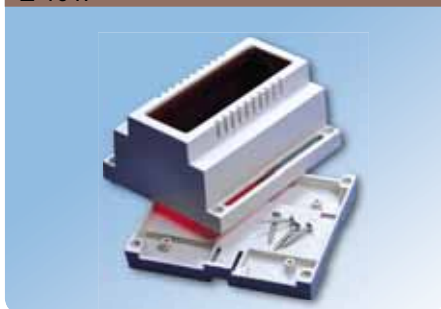


Din Rail Enclosures

B



Z-101F



Z-103





Z-104



SERIES B

Range of enclosures for Din rail mounting made of flame retardant ABS material according to UL94-V0. Available in RAL 7035 colour. Base of enclosures with integral PCB mounting studs. Matt surface finishing. Closing by four screws, except cases Z-105, Z-105F and KM-74 with snap-on closing. Cover of cases has a recessed area suitable for a membrane keypad, label or displays. Upon request transparent window cover available. Enclosures are suitable for components such as terminals, connectors or PCB plug headers.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-105	18	90	65	ABS	—	—	—
Z-105F	18	90	65	ABS	—	—	Transparent window
KM-74	35	88	59	ABS	—	—	—
Z-103	35	89	63	ABS V0	2	—	—
Z-102	54	89	65	ABS V0	4	—	—
Z-100	70	89	65	ABS V0	4	—	—
Z100F	70	89	65	ABS V0	4	—	Transparent window
Z-101	107	89	66	ABS V0	4	—	—
Z-101F	107	89	66	ABS V0	4	—	Transparent window
Z-104	140	90	63	ABS V0	4	—	—



SERIES C

ABS material enclosures for Din rail mounting available in RAL 7035 colour. Base of enclosures with integral mounting studs for PCB. Polished surface finishing. Closing by four screws. Cover has a recessed area suitable for a membrane keypad, label or displays. Enclosures are suitable for components such as terminals, connectors or PCB plug headers.

KM-73





MK-71



KM-71



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-73	53	91	70	ABS	4	–	–
KM-71	105	91	60	ABS	4	–	–



Built-In Enclosures

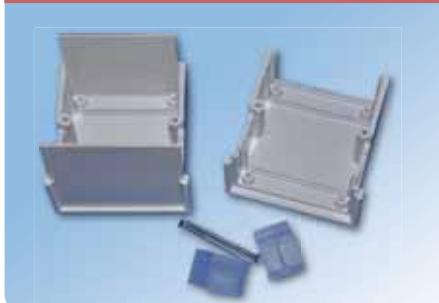
A



SERIES A

ABS material enclosures. Available in RAL 9004 and RAL 7035 colours. The base and the cover have integral PCB guides and mounting studs. Front and rear panel included. Matt surface finishing. Secured by two screws. Built-in cases also available with transparent panels suitable for displays, control or measuring systems.

KM-62





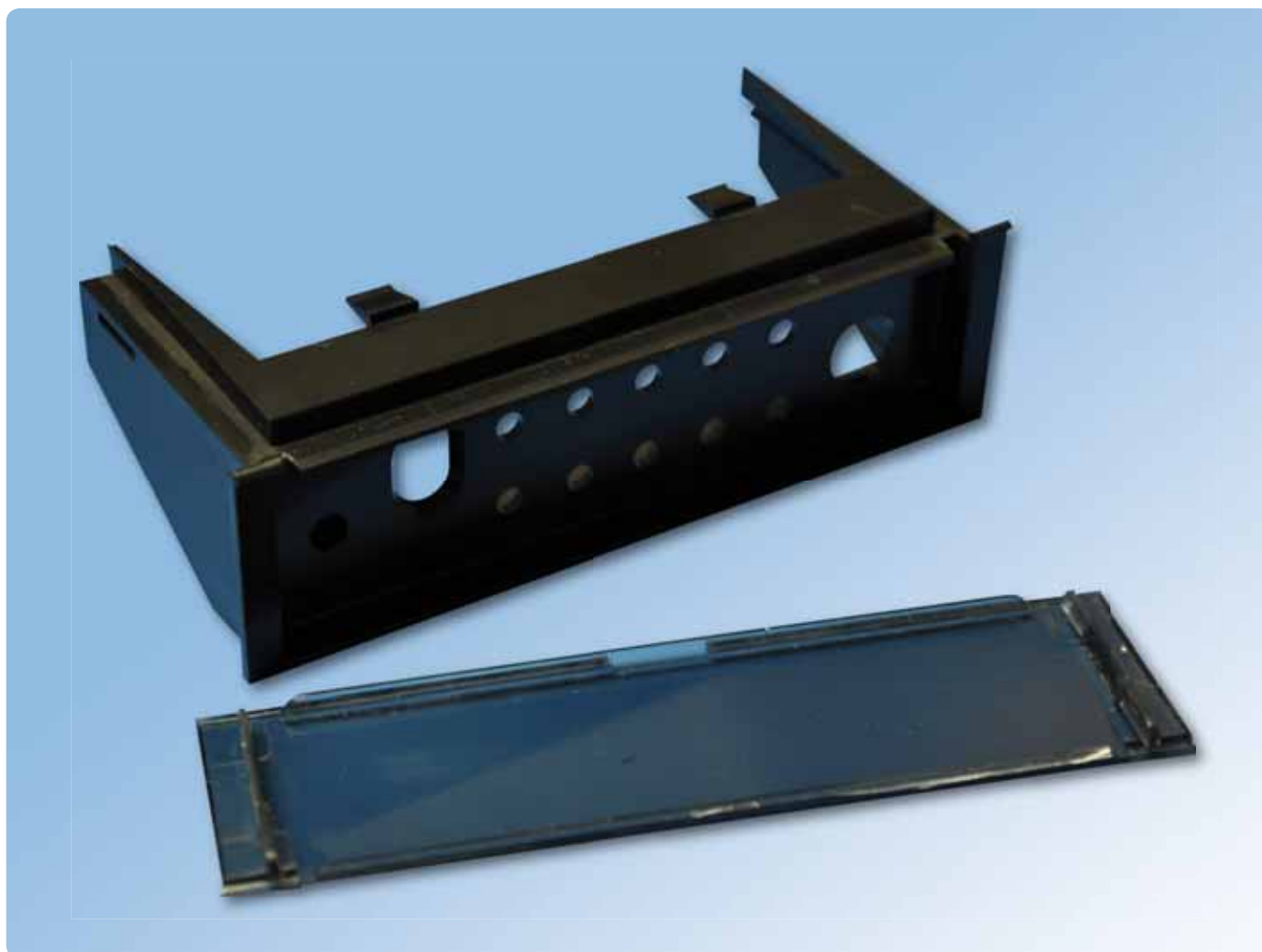
KM-63



KM-61





Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-61	70	65	30	ABS	2	–	–
KM-62	70	65	48	ABS	2	–	–
KM-63	70	65	65	ABS	2	–	–



KM-64

Built-in enclosure made of ABS material in RAL 9004 colour. Available with transparent opening panel (window). No screw required. Polished surface finishing. Suitable for control panels, display measuring systems.

Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
KM-64	115	58	36	ABS	4	—	—



Keyboard Enclosures

A



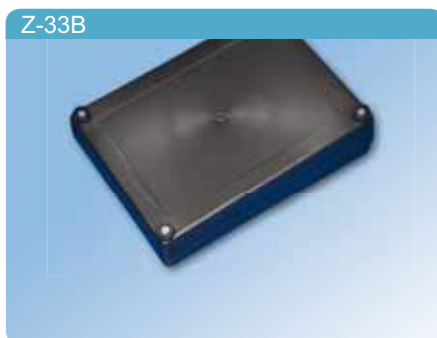
SERIES A

Desktop cases manufactured in polystyrene material. Standard colours RAL 9004 and RAL 7035. Upon request ABS material available. Base of enclosure with integral PCB mounting studs. Cover has a recessed area suitable for a keyboard or membrane keypad. Matt surface finishing. Closing by four screws with plastic feet.

Z-33A





Z-33B



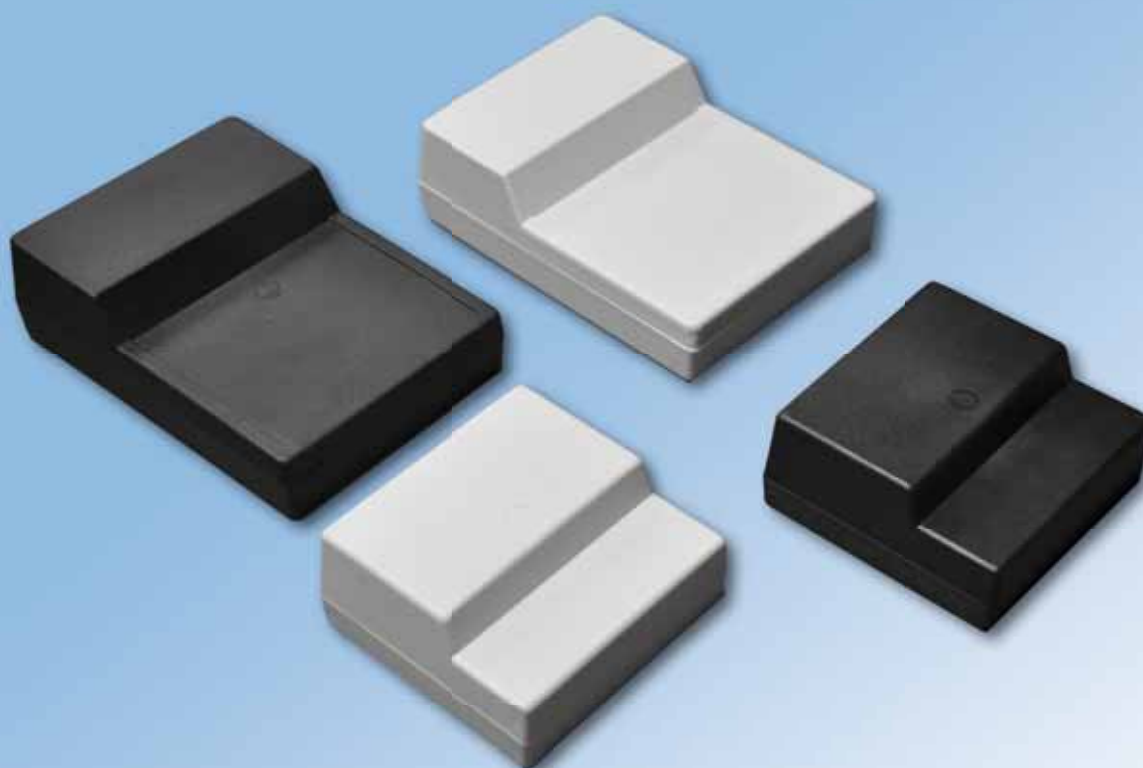
Z-33A



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-33	190	140	47	PS	4	–	–
Z-33A	190	140	49	PS	4	–	–
Z-33B	190	140	49	PS	4	–	–

B

Keyboard Enclosures



Z-20A



Z-20A





Z-20



SERIES B

Polystyrene material desktop enclosures manufactured in RAL 9004 and RAL 7035 colours. Upon request ABS material available. Base with integral mounting studs inside for PCB. Cover of Z-20A case has a recessed area suitable for a keyboard or membrane keypad. Matt surface finishing. Closing by four screws with plastic feet.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-20	120	126	54	PS	4	—	—
Z-20A	190	139	59	PS	4	—	—



Keyboard Enclosures



Z-25

Polystyrene material case suitable for a keyboard, available in RAL 9004 and RAL 7035 colours. Upon request ABS material available. Base with integral mounting studs for PCB. Case with front and rear panel, matt surface finishing, secured by four screws with plastic feet.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-25	224	221	78	PS	4	–	–



SERIES A

Range of enclosures for AC adapters made of polystyrene material, available in RAL 9004 and RAL 7035 colours. Cases with a recessed area suitable for a label. Matt surface finishing. Secured by two screws.

Z-42





Z-92



Z-64



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-42	83	56	46	PS	2	—	—
Z-92	84	60	32	PS	2	—	—
Z-92U	84	60	32	PS	2	—	Mounting tabs
Z-35	85	61	51	PS	2	—	—
Z-64	89	65	58	PS	2	—	—





Transformers Enclosures

B**KM-47N****KM-46B****KM-46N, KM-46**

SERIES B

Power supply enclosures made of ABS material. Base of KM-46 and KM-46N cases with integral PCB guides. Cases KM-46N and KM-47N with different type of contact. Matt surface finishing. Secured by two screws. Available colours RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-46	66	40	40	ABS	2	—	—
KM-46B	66	40	40	ABS	2	—	Without contact
KM-46N	66	40	40	ABS	2	—	Small contact
KM-47	70	52	47	ABS	3	—	—
KM-47N	70	52	47	ABS	3	—	Small contact
KM-48	73	62	48	ABS	3	—	—



SERIES C

Polystyrene material enclosures for power supply made in RAL 9004 and RAL 7035 colours. Base with integral PCB guides. Cover with a recessed area suitable for a label. Matt surface finishing. Secured by two screws. Vented cover in cases Z-10A and Z-21.

Z-21





Z-13



Z-10



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-13	65	46	38	PS	2	—	—
Z-10	73	58	52	PS	2	—	—
Z-10A	81	54	46	PS	2	—	—
Z-21	82	64	55	PS	4	—	—





Transformers Enclosures

D**Z-27****Z-31****Z-30**

SERIES D

Plug enclosures available in different configurations, manufactured in Polystyrene material. Matt surface finishing. Closing by four screws. Cases Z-27 and Z-31 with integrated socket. Also available in light colour RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-27	120	70	46	PS	4	—	Contact, socket
Z-30	120	70	46	PS	4	—	Only contact
Z-30A	120	70	46	PS	4	—	—
Z-31	120	70	46	PS	4	—	Only socket



SERIES E

Socket cases available in different configurations, manufactured in ABS material. Base with integral PCB guides. Polished surface finishing. Closing by four screws. It has a suitable area for a label from a rear side. Available in RAL 9004 and RAL 7035 colours.

KM-49D





KM-49C



KM-49



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-49	90	65	57	ABS	4	—	Contact, Fi-7
KM-49B	90	65	57	ABS	4	—	Fi-7
KM-49C	90	65	57	ABS	4	—	Socket, Fi-7
KM-49D	90	65	57	ABS	4	—	Contact, socket, Fi-7



Transformers Enclosures

F



Z-16



Z-45





Z-66



SERIES F

Polystyrene material enclosures for AC adapters with vented covers. Base of enclosure with integral mounting studs for PCB. Matt surface finishing. Secured by four screws with plastic feet. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Case Z-45 with a suitable area for a label from a rear side.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-45	100	56	43	PS	4	—	—
Z-16	114	70	63	PS	4	—	—
Z-66	130	79	65	PS	4	—	—



SERIES G

ABS material enclosures for AC adapters with vented covers. Base of KM-67 enclosure with integral transformer guides and mounting studs. Matt surface finishing. Closing by six screws. Available colours RAL 9004 and RAL 7035.

KM-67B





KM-67, KM-67B



KM-67



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-67	137	97	67	ABS	6	—	Transformer
KM-67B	137	97	67	ABS	6	—	—





Transformers Enclosures



KM-104

ABS material enclosure with mounting tab and matt surface finishing. Openings for cables, PCB mounting studs inside, closing by three screws. Available in RAL 9004 and RAL 7035 colours. Upon request panels for cut-outs available.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-104	114	71	45	ABS	3	–	–





Z-11

Wall-mount polystyrene material case. Integral PCB mounting studs inside. Vented cover with a suitable area for a membrane keypad. Polished surface finishing. Closing by four screws. Also available in light colour RAL 7035.



Z-18

Polystyrene material enclosure with front panel. Base of enclosure with integral PCB mounting guides. Matt surface finishing. Closing by four screws with plastic feet. Also available in light colour RAL 7035.

Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
Z-11	124	74	48	PS	4	–	–
Z-18	176	75	65	PS	4	–	–

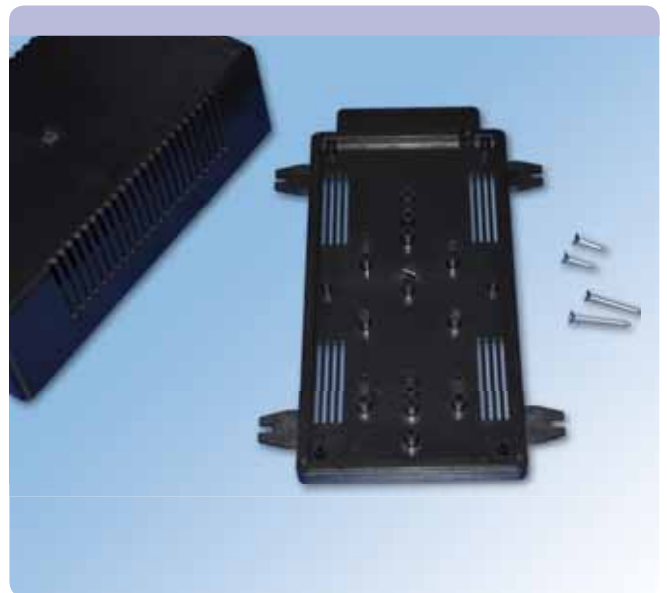


Transformers Enclosures





Z-40

Polystyrene material enclosure with front panel. Vented base and cover. Case with integral PCB mounting studs. Matt surface finishing. Closing by four screws with integral plastic feet. Also available in light colour RAL 7035.



KM-107

ABS material case with mounting tabs. Base of enclosure with ventilation cut-outs and integral mounting studs for PCB. Cover has a recessed area suitable for a membrane keypad, label or displays. Polished surface finishing. Secured by four screws. Also available in light colour RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-40	183	100	76	PS	4	–	–
KM-107	220	110	73	ABS	4	–	–



KM-68

ABS material enclosure with polished surface finishing. Vented base of enclosure with integral mounting studs for PCB inside. Cover also includes ventilation cut-outs. Mounting tabs from a rear side. Secured by two screws. Available in colours RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories Option
	Length	Width	Height				
KM-68	187	110	70	ABS	2	–	–



SERIES A

Group of enclosures made of ABS material, available in different configurations of cover. Base of enclosure with integral PCB mounting studs. Battery compartment with snap-on cover included. Matt surface finishing. Closing by four screws. Available in colours RAL 9004 and RAL 7035.

KM-33





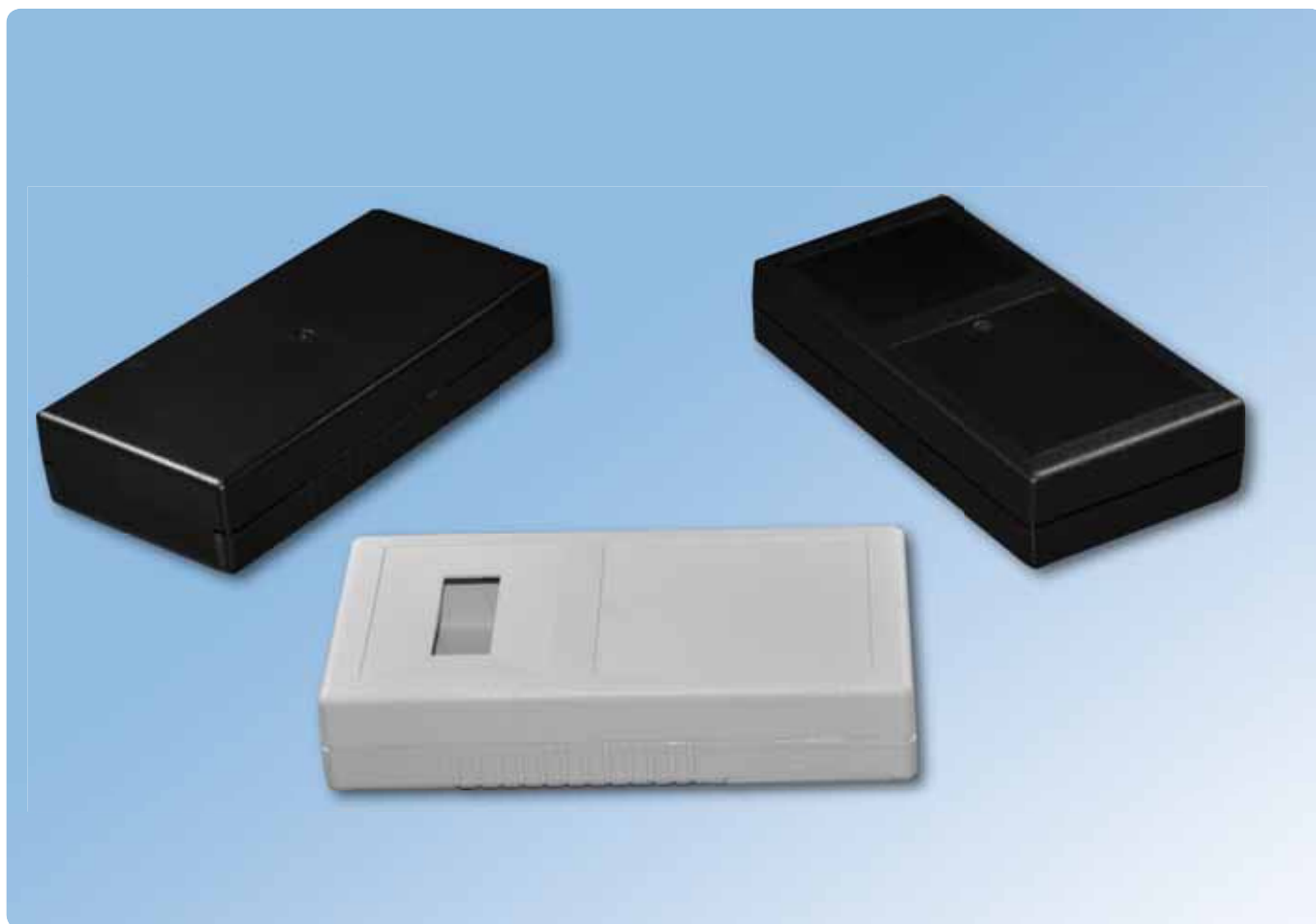
KM-33



KM-33



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-33	118	74	29	ABS	4	+	Speaker openings
KM-33A	118	74	29	ABS	4	+	Display opening 54x14 mm
KM-33B	118	74	29	ABS	4	+	—
KM-33C	118	74	29	ABS	4	+	Display opening 46x19 mm



KM-103



KM-103





KM-103B



SERIES B

Hand-held enclosures made of ABS material, available in different configurations of cover. Base and cover have integral PCB mounting studs inside. Case included battery compartment with snap-on cover. Cases KM-103 and KM-103B have a recessed area suitable for a membrane keypad or displays. Matt surface finishing. Closing by four screws. Available in colours RAL 9004 and RAL 7035.

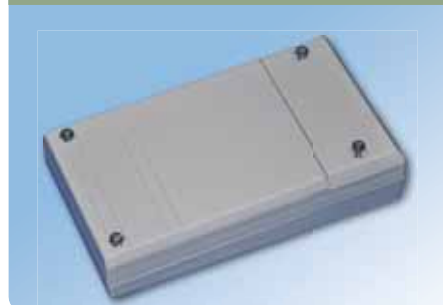
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-103	190	93	41	ABS	4	+	Recessed area, SB-10
KM-103A	190	93	41	ABS	4	+	SB-10
KM-103B	190	93	41	ABS	4	+	Display opening 44x19 mm, SB-10



SERIES C

Polystyrene material enclosures for hand-held use. Upon request ABS material available. Base of enclosure with integral PCB mounting studs. Cases with a suitable area for a membrane keypad or displays on the cover. Battery compartment. Matt surface finishing. Secured by six screws. Available in colours RAL 9004 and RAL 7035.

Z-48





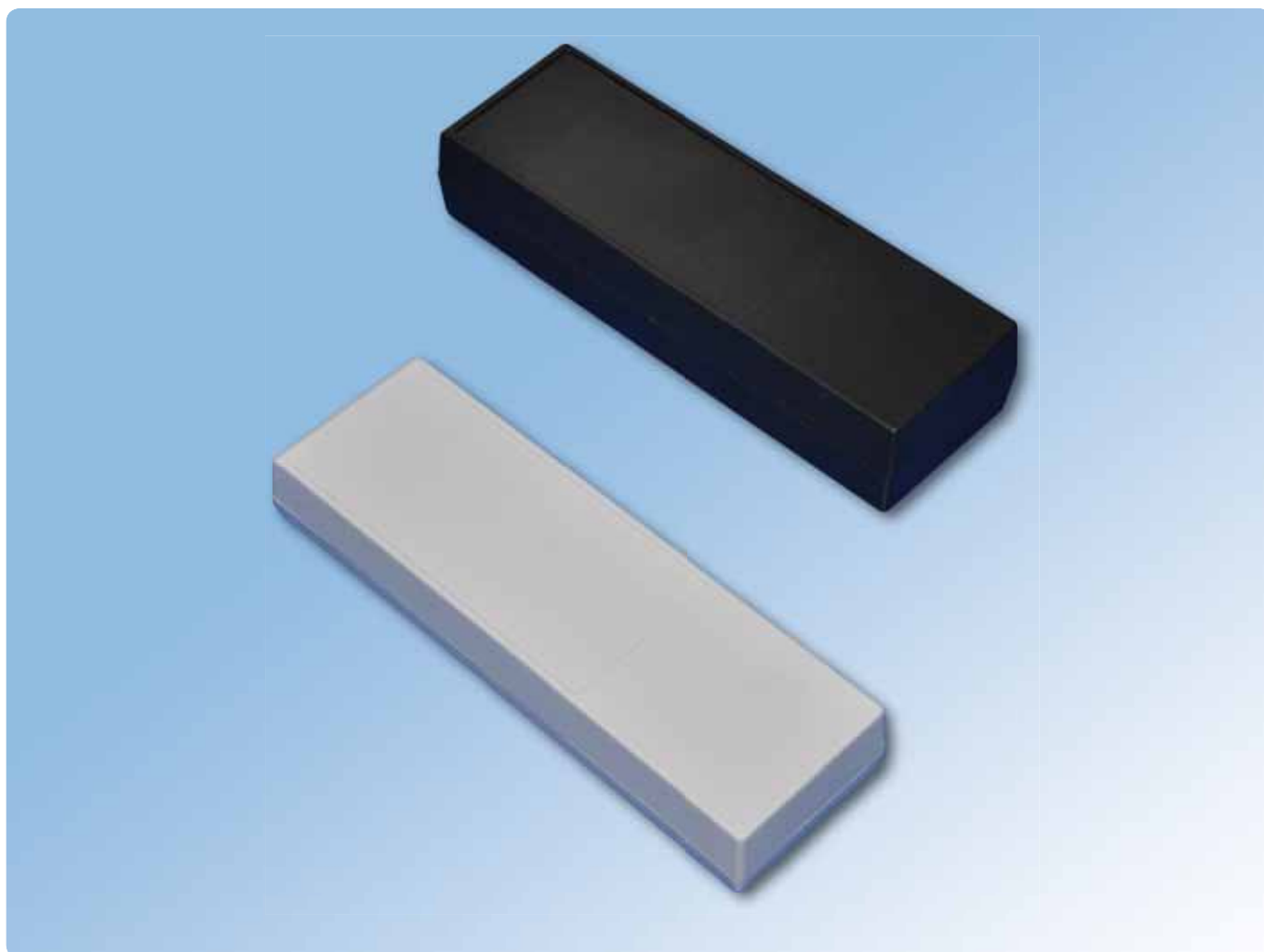
Z-49



Z-49



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-48	145	81	36	PS	6	+	–
Z-49	145	81	39	PS	6	+	Display opening 49x19 mm



Z-32A



Z-32B





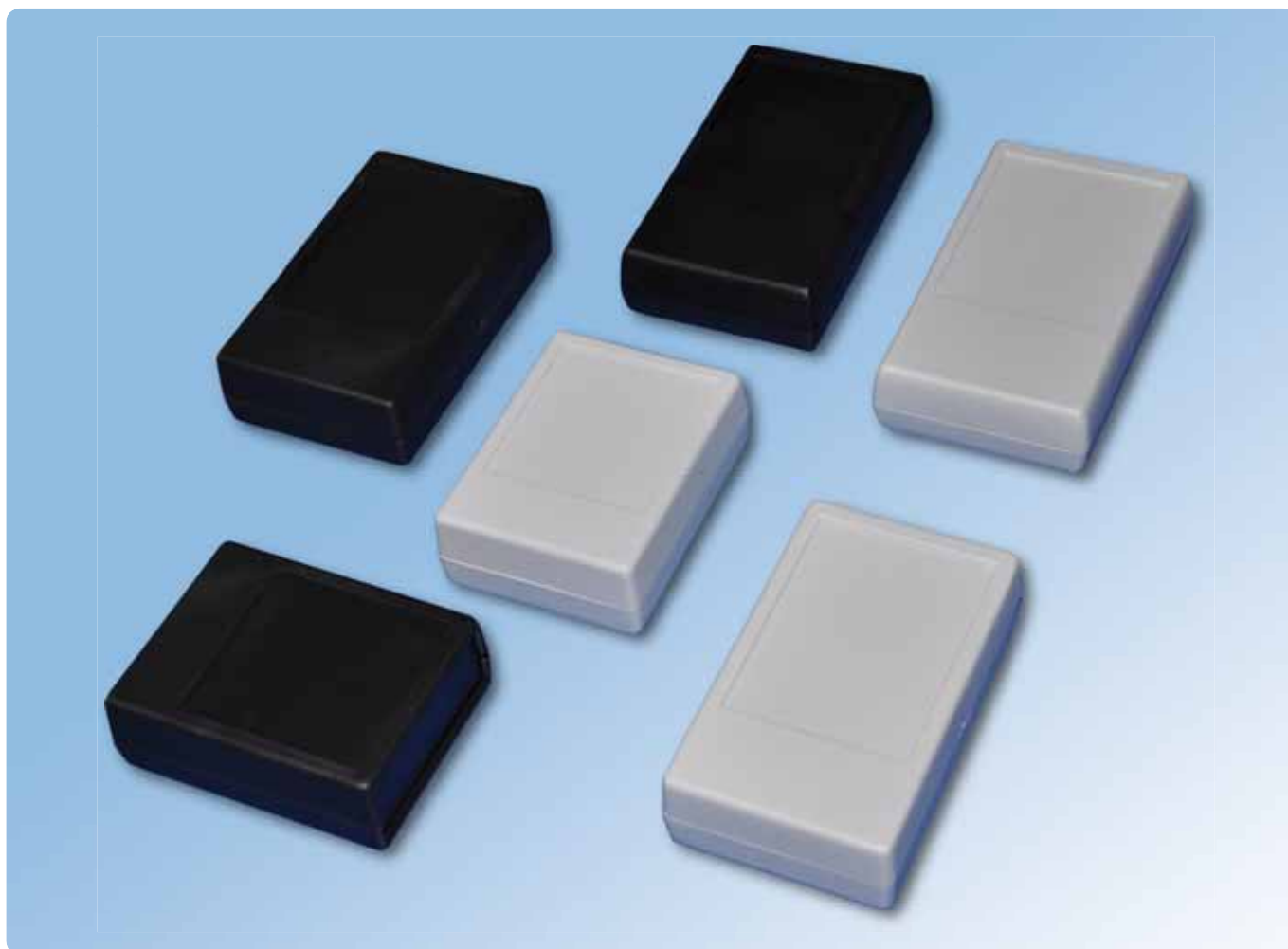
Z-32A



SERIES D

Polystyrene material enclosures for hand-held use. Upon request ABS material available. Base of enclosure with integral mounting studs for PCB. Cases with a suitable area for a membrane keypad or displays on the cover and with a battery compartment. Matt surface finishing. Secured by four screws. Available in colours RAL 9004 and RAL 7035. Battery compartment in case Z-32A with snap-on cover.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-32B	185	60	38	PS	4	+	–
Z-32A	188	60	26	PS	4	+	–



SERIES E

Range of polystyrene material enclosures, available in RAL 9004 and RAL 7035 colours. Upon request ABS material available. Hand-held enclosures with integral PCB guides and mounting studs, battery compartment with snap-on cover, recessed area suitable for a membrane keypad, matt surface finishing, closing by two or four screws. Case Z-62 available with front panel.

Z-62





Z-55



Z-62





Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-62	83	63	29	PS	2	+	–
Z-32	110	66	27	PS	4	+	–
Z-55	104	63	28	PS	1	+	–



SERIES F

Stylish design of hand-held enclosures with front panel, manufactured in ABS material, available in RAL 7035 colour. Base and cover have integral PCB mounting studs. Case includes battery compartment with snap-on cover and a recessed area suitable for a membrane keypad. Gentle matt surface finishing. Closing by four screws. Transparent panel available in case Z-89F.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-89	141	68	25	ABS	4	+	–
Z-89F	141	68	25	ABS	4	+	Transparent window





Portable Devices Enclosures



KM-105

Portable device enclosure manufactured in ABS material with a battery compartment and snap-on cover. Matt surface finishing. Secured by one screw. Cover has a small recessed area suitable for a label and cut-outs for a speaker or microphone. Standard colours available RAL 9004 and RAL 7035.





Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-105	95	55	22	ABS	1	+	–



KM-26

ABS material enclosure with a battery compartment and slide-in panel from the side. Base of enclosure with integral PCB mounting studs. Matt surface finishing. Closing by one screw. Standard colours available RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-26	110	60	25	ABS	1	+	–



Portable Devices Enclosures





Z-14

Polystyrene material enclosure for hand-held instrument. Upon request ABS material available Matt surface finishing. Suitable area for a label or keypad on the cover. Battery compartment inside. One screw closing. Available in RAL 9004 and RAL 7035 colours.



KM-88

ABS material enclosure for hand-held instrument. Base of enclosure with integral PCB mounting studs. Cover has a suitable area for a membrane keypad or displays. Snap-on cover for a battery, cut-outs for a speaker and recessed area for a label from a rear side. Polished and matt surface finishing. Closing by four screws. Also available in light colour RAL 7035



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-14	150	49	22	PS	1	+	–
KM-88	130	89	32	ABS	4	+	–



SERIES A

Sensor cases with different configurations of front panels. One of half-shell has a integral PCB mounting studs inside. Case with mounting feet, polished surface finishing and closing by two screws. Available in RAL 9004 and RAL 7035 colours. Manufactured in ABS material.





Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-32	88	58	34	ABS	4	—	Opening 49x15 mm
KM-32B	88	58	34	ABS	4	—	Without openings
KM-32C	88	58	34	ABS	4	—	2 openings Ø 12 mm / 1 x Ø 5 mm
KM-32D	88	58	34	ABS	4	—	Opening 34x14 mm



SERIES B

ABS material enclosures in rounded shape. Manufactured in RAL 9004 and RAL 7035 colours. Cover with openings for a speaker. Technical cut-outs from rear side for cables. Snap together closing, no screw required. Polished and matt surface finishing. Case KM-52 with mounting tabs.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-52	52	30		ABS	0	—	Mounting tabs
KM-52B	52	30		ABS	0	—	—



SERIES C

Cases moulded in ABS material. Available with mounting tabs. Closing by four screws. Polished and matt surface finishing. Cover of KM-36 case with openings for a loud-speaker. Colours RAL 9004 and RAL 7035.

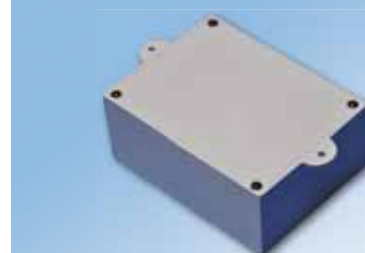
KM-36B





KM-36



KM-36, KM-36B



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-36	85	64	36	ABS	4	—	Speaker openings
KM-36B	85	64	36	ABS	4	—	—



Z-37B



Z-37





Z-37



SERIES D

ABS material enclosures with snap-on closing. Base of enclosure with integral PCB mounting studs and battery compartment. Cover of KM-37 case with openings for a loud-speaker. Matt surface finishing. No screw required. Available in colours RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-37	128	73	33	ABS	0	—	Speaker openings
KM-37B	128	73	33	ABS	0	—	—



SERIES E

Cases manufactured in ABS material, available in colours RAL 9004 and RAL 7035. Base of enclosure with integral mounting studs for PCB. Matt surface finishing. Closing by two screws. Case KM-80A available with openings for light signalling.

Z-80





Z-80



Z-80A



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-80	155	40	20	ABS	2	—	—
KM-80A	155	40	20	ABS	2	—	Openings



Z-94W



Z-94P





Z-94P



SERIES F

Snap together closing enclosures made of ABS material. Base with integral mounting studs for PCB inside. Polished surface finishing. No screw required. Available in colours RAL 9004 and RAL 7035. Casing Z-94W with cut-outs for a loudspeaker.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-94P	66	47	27	ABS	0	—	—
Z-94W	66	47	27	ABS	0	—	Openings



SERIES G

Sensor enclosures with mounting feet moulded in ABS material, RAL 9004 and RAL 7035 colours available. Snap together closing, secured by one screw. Gentle matt surface finishing.

KM-91





KM-92



KM-92



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-91	72	35	15,5	ABS	2	—	Openings Ø 13 mm
KM-92	72	35	18,5	ABS	2	—	Openings Ø 16 mm





Alarm Enclosures



KM-23

Casing for a sensor device manufactured in ABS material. Front panel with openings. Casing with mounting feet. Base and cover with snap together closing. Mounting guides for PCB inside. Gentle matt surface finishing. Available in colours RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-23	79	70	29	ABS	0	—	—



KM-94

Light signalling case with a front red transparent cover. Manufactured in ABS material, RAL 7035 colour. Base with openings for a wall-mounting. Snap together closing, no screw required. Polished surface finishing.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-94	92	43		ABS	0	—	Wall-mount openings



Alarm Enclosures



Z-41

Polystyrene material casing for a loud-speaker with a handle. Upon request ABS material available. Matt surface finishing. Closing by four screws. Available in colours RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-41	109	64	61	PS	4	—	—



KM-95

ABS material casing for a siren with a metallic handle. Base of casing with integral PCB guides and mounting studs. Matt surface finishing. Closing by four screws. Standard colours RAL 9004 and RAL 7035.

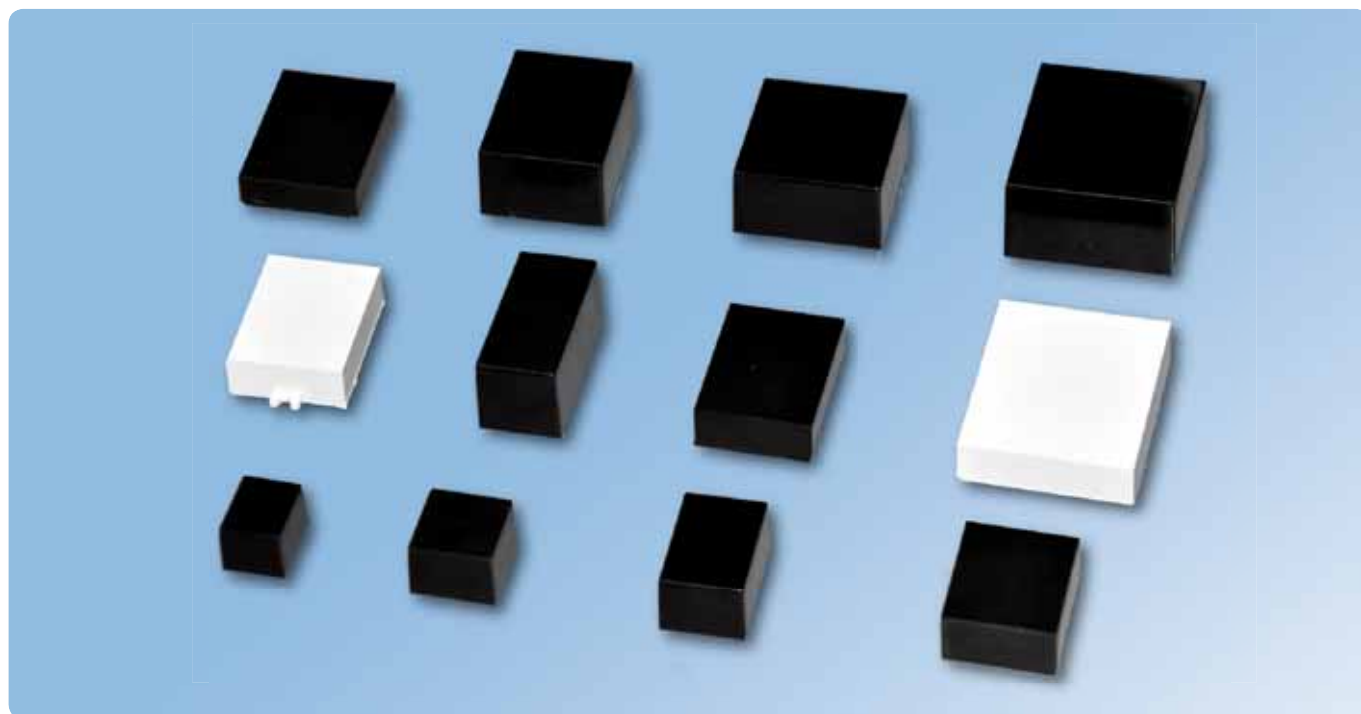


Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-95	155	160	85	ABS	6	—	—



Small Enclosures

A



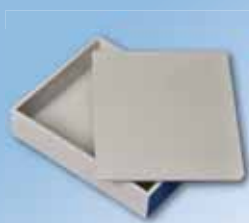
SERIES A

Range of ABS material enclosures. Available in colours RAL 9004 and RAL 7035. No screw required, two parts simply snap together. Polished surface finishing. Great solution for protecting a small electronic parts. Case KM-7 available with mounting tabs.

KM-7





KM-98



Z-83



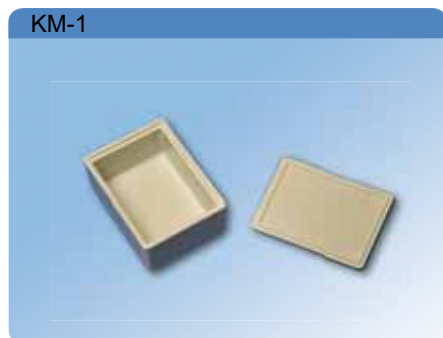
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-81	20	16	14.5	ABS	0	—	—
Z-82	22	22	16,5	ABS	0	—	—
Z-83	32	22	17	ABS	0	—	—
KM-6	33	28	15	ABS	0	—	—
KM-7B	41	31	13	ABS	0	—	—
KM-7	41	31	13	ABS	0	—	Mounting tabs
Z-86	41	41	21	ABS	0	—	—
Z-84	46	22	22	ABS	0	—	—
Z-85	46	35	22	ABS	0	—	—
KM-97	47	33	10	ABS	0	—	—
Z-87	52	45	26	ABS	0	—	—
KM-98	55	45	13	ABS	0	—	—

B

Small Enclosures



KM-1



KM-2



KM-04



SERIES B

Range of ABS material enclosures. Available in in colours RAL 9004 and RAL 7035. No screw required, two parts simply snap together, apart from KM-3 and KM-3A cases (two screws included). Matt or polished surface finishing. Great solution for protecting a small electronic parts.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-04	25	20	14	ABS	0	–	–
KM-03	26	16	17	ABS	0	–	–
Z-63	26	17	15	PS	0	–	–
KM-3	43	27	17	ABS	2	–	–
KM-3A	43	27	17	ABS	2	–	Openings
KM-1	43	32	22	ABS	0	–	–
KM-99	44	44	15	ABS	0	–	–
KM-99B	44	44	15	ABS	0	–	Ventilator cut-outs
KM-2	48	42	22	ABS	0	–	–
KM-2A	48	42	22	ABS	0	–	–



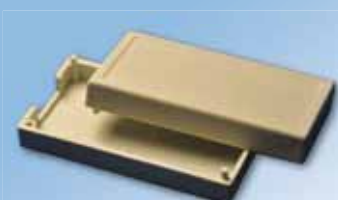
SERIES C

ABS material enclosures with snap together closing, no screw required. Base of casing with integral PCB mounting studs. Cover has a recessed area suitable for a label. Case KM-57A with a cut-out on a shorter side. Matt surface finishing. Available in RAL 9004 and RAL 7035 colours.

KM-57





KM-57A



KM-57A



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-57	62	33	16	ABS	0	—	—
KM-57A	62	33	16	ABS	0	—	Opening

D

Small Enclosures



KM-24





KM-24B



SERIES D

ABS material cases with rounded corners and gentle matt surface finishing. Base of casing with integral PCB mounting studs. Two parts simply snap together, no screw required. Case KM-24 with a cut-out on a shorter side. Enclosures available in colours RAL 9004 and RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-24	55	30	24	ABS	0	—	—
KM-24B	55	30	24	ABS	0	—	Opening Ø 13 mm
KM-24C	66	41	31	ABS	0	—	—



Remote Controller Enclosures

A



SERIES A

Enclosures with front foils in different configurations of buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Manufactured in ABS material,also available in light colour RAL 7035.

P-11B/4





P-11



P-11B/4



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-11	62	29	10	ABS	1	—	—
P-11B/1	62	29	10	ABS	1	—	1 button
P-11B/2	62	29	10	ABS	1	—	2 buttons
P-11B/3	62	29	10	ABS	1	—	3 buttons
P-11B/4	62	29	10	ABS	1	—	4 buttons



P-14



P-14





P-14



SERIES B

Enclosures made of ABS material with matt and polished surface finishing. Available in different configurations of plastic buttons. Closing by one screw. Also produced in light colour RAL 7035.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-14	84	37	14	ABS	1	—	1 button
P-14/2	84	37	14	ABS	1	—	2 buttons
P-14/3	84	37	14	ABS	1	—	3 buttons
P-14/4	84	37	14	ABS	1	—	4 buttons
P-14/5	84	37	14	ABS	1	—	5 buttons
P-14/6	84	37	14	ABS	1	—	6 buttons



Remote Controller Enclosures

C



SERIES C

Two push-button enclosures manufactured in ABS material. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Casing P-101G with gummous surface, very pleasant in touch. P-101 also available in light colour RAL 7035.

P-101





P-101G



P-101G



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-101	50	38	13	ABS	1	+	–
P-101G	50	38	13	ABS	1	+	Gummous



P-15N



P-15N





P-15ND



SERIES D

ABS material enclosures available in RAL 9004 and RAL 7035 colours. Base has a integral PCB mounting studs. Matt surface finishing. Closing by three screws. Casing P-15ND has no button. Enclosures with opening on a side for a light-emitting diode.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-15N	65	38	16	ABS	3	+	–
P-15ND	65	38	16	ABS	3	+	No button



Remote Controller Enclosures

E



SERIES E

Enclosures with a different surface and buttons finishing. Base has a integral PCB mounting studs. Closing by one screw. Casing P-98 has a recessed area from a rear side suitable for a label. P-97 with polished surface of buttons. Casings manufactured in ABS material, available also in light colour RAL 7035.

P-96





P-98



P-96



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-96	47	37	11	ABS	1	+	–
P-97	47	37	11	ABS	1	+	Polished buttons
P-98	47	37	11	ABS	1	+	Recessed area



P-21





P-22



SERIES F

Flat shape enclosures made of ABS material in RAL 9004. Two models available with one and two push-button configurations. Cover has a recessed area suitable for a front foil. Gentle matt surface finishing. Closing by one screw. Upon request different colours available.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-21	52	29	7	ABS	1	+	1 button
P-22	52	29	7	ABS	1	+	2 buttons



Remote Controller Enclosures

G



SERIES G

ABS material casings with an innovative design. Models available with two push-buttons and snap-on cover. Base has a integral PCB mounting studs. Matt surface finishing. Secured by two screws. Cover with opening for a light-emitting diode. Colour of buttons - transparent blue. Upon request enclosures can be manufactured in different RAL colours.

P-8





P-7



P-7



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-8	58	40	17	ABS	2	+	–
P-7	62	37	14	ABS	2	+	–

Remote Controller Enclosures





P-1

ABS material enclosure. Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Diode opening on the cover.



P-2

ABS material enclosure. Model with two push-buttons. Base has a integral PCB mounting studs. Polished surface finishing. Closing by one screw. Diode opening on the cover.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-1	60	36	14	ABS	1	+	–
P-2	59	39	13	ABS	1	+	–



Remote Controller Enclosures





P-3

ABS material enclosure. Model with four push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Diode opening on the cover.



P-4

ABS material enclosure. Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by two screws. Diode opening on the cover.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-3	72	38	15	ABS	1	+	–
P-4	50	37	14	ABS	1	+	–

Remote Controller Enclosures





P-5

ABS material enclosure. Model with two push-buttons made of gummous material. Integral PCB mounting studs. Matt surface finishing. Closing by one screw. Opening for a diode on the cover. Suitable area for a label from a rear side.



P-6

ABS material enclosure. Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Diode opening on the cover.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-5	50	40	12	ABS	1	+	–
P-6	50	30	13	ABS	1	+	–



Remote Controller Enclosures





P-9

Model with one push-button. No screw required. Snap together closing. Base has a integral PCB mounting studs. Matt surface finishing. Opening on the cover for a diode. Suitable area for a label from a rear side. Manufactured in ABS material.



P-10

Model with one push-button. Base has a integral PCB mounting studs. Matt surface finishing. Closing by two screws. Opening on the cover for a diode. From a rear side-suitable area for a label. Manufactured in ABS material.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-9	50	30	20	ABS	0	+	–
P-10	50	30	14	ABS	2	+	–

Remote Controller Enclosures





P-12

Model with one push-button. No screw required. Snap together closing. Base has a integral PCB mounting studs. Matt surface finishing. Opening on the cover for a diode. Manufactured in ABS material.



P-13

Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Opening on the cover for a diode. Manufactured in ABS material.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-12	68	30	12	ABS	0	+	–
P-13	56	35	14	ABS	2	+	–



Remote Controller Enclosures





P-14B

Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Opening on the cover for a diode. Manufactured in ABS material.



P-14N

Model with one push-button. Base has a integral PCB mounting studs. Matt surface finishing. Closing by two screws. Opening on the cover for a diode. Manufactured in ABS material.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-14B	56	37	15	ABS	1	+	–
P-14N	65	38	16	ABS	2	+	–





P-15

Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Opening on the cover for a diode. Manufactured in ABS material.



P-16

ABS material enclosure in rounded shape. Model with one push-button. Integral mounting studs for PCB inside. Gentle matt surface finishing. Closing by one screw. Available in RAL 9004 and RAL 5002 colours.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-15	63	37	14	ABS	1	+	–
P-16	38	38	13	ABS	1	+	–



Remote Controller Enclosures





P-17

ABS material enclosure. Model with two push-buttons. Integral PCB mounting studs inside. Gentle matt surface finishing. Closing by two screws. Red transparent window on the cover for a light-emitting diode.



P-18

Enclosure in stylish design with four gummous push-buttons and gentle matt surface finishing. Integral PCB mounting studs inside. Diod opening on the cover. Suitable area for a label from a rear side. Closing by two screws. Manufactured in ABS material. Upon request buttons without logo available.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-17	50	35	10	ABS	2	+	–
P-18	50	35	13	ABS	2	+	–

Remote Controller Enclosures





P-19

Model made of ABS material with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Different colours of buttons available.



P-20

Original shape of ABS material enclosure. Model with two gummous push-buttons (different colours available). Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Also fluorescent buttons available.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-19	54	34	12	ABS	1	+	–
P-20	58	25	11,5	ABS	1	+	–



Remote Controller Enclosures





P-23

Model with two push-buttons. Base has a integral PCB mounting studs. Matt surface finishing. Closing by one screw. Opening on the cover for a diode. Manufactured in ABS material.



P-24

Enclosure with an innovative design. Model with three-buttons. Base has a integral PCB mounting studs. Gentle matt surface finishing. Closing by one screw. Small opening on the cover for a diode. Manufactured in ABS material.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-23	50	35	14	ABS	1	+	–
P-24	68	26	16	ABS	1	+	–



P-102

ABS material enclosure with four gummous push-buttons and matt surface finishing. Integral PCB mounting studs inside. Matt surface finishing. No screw required. Two parts simply snap together.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
P-102	52	36	13	ABS	0	+	—



SERIES A

Group of stylish enclosures with rounded corners, manufactured in ABS material. Base of enclosure with integral mounting studs for PCB. Cover has a recessed area suitable for a membrane keypad or displays. Polished and matt surface finishing. Closing by four screws. Case KM-100H is a hermetical version available with a gasket. All cases have a suitable area for a label from a rear side. Standard colours RAL 9004 and RAL 7035.

KM-100A





KM-100



KM-100H



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-100A	73	46	17	ABS	4	—	—
KM-100	90	55	20	ABS	4	—	—
KM-100H	92	57	22	ABS	4	—	FI-26
KM-100B	107	67	25	ABS	4	—	—



SERIES B

Cartridge shape enclosures made of ABS material. Matt surface finishing. Secured by one screw. Casing KM-20B has a recessed area from a rear side suitable for a label. Casing KM-19B with openings on side. Available in colours 9004 and RAL 7035.

KM-19





KM-20B



KM-19



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-19	68	60	20	ABS	1	—	—
KM-19B	68	60	20	ABS	1	—	Three openings Ø 9 mm
KM-20	91	68	18	ABS	1	—	—
KM-20B	91	68	18	ABS	1	—	With recessed area



KM-8



KM-45





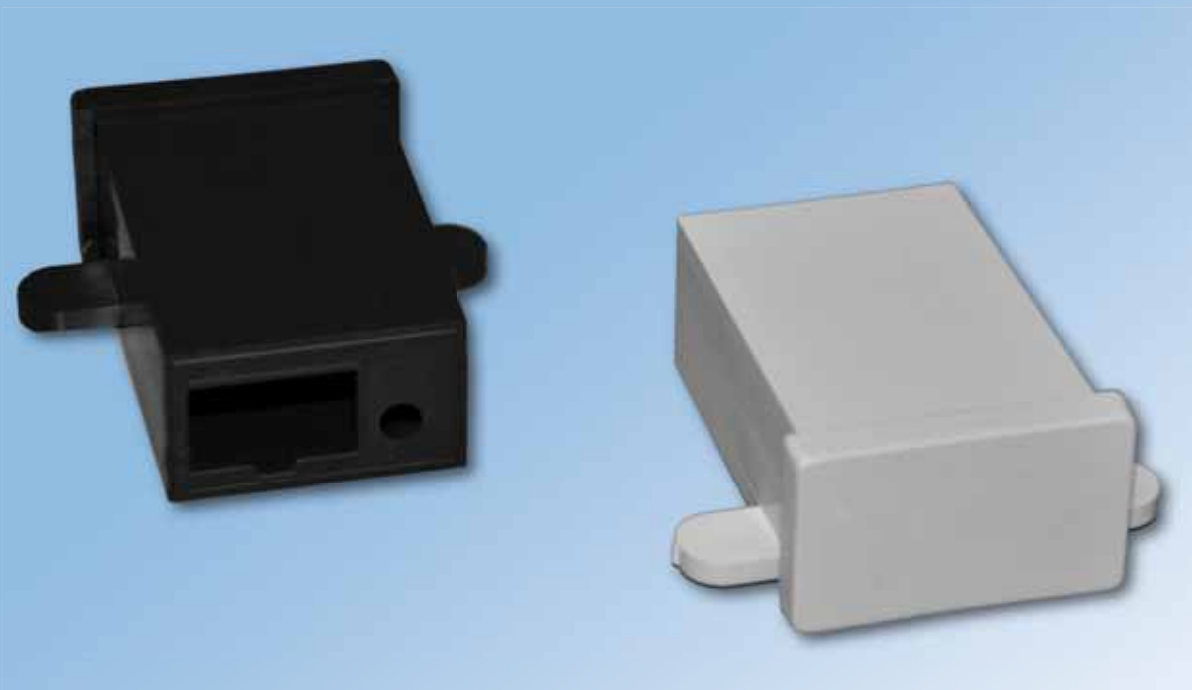
KM-8, KM-9



SERIES C

Induction field casings manufactured in ABS material. Two parts simply snap together, no screw required. Matt surface finishing, exc ept KM-9 enclosure with polished surface. Card casing KM-45 has a recessed area suitable for a label. Upon request light colour RAL 7035 available.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-8	40	15	8	ABS	—	—	—
KM-9	44	31	9	ABS	—	—	—
KM-45	85	54	6	ABS	—	—	—



SERIES D

Switch port enclosures made of ABS material with polished surface finishing. Enclosures with mounting tabs and snap-on front panel. No screw required. Available in in RAL 9004 and RAL 7035 colours.

KM-58





KM-58



KM-58, KM-58A



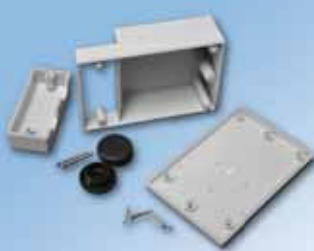
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-58	53	33	20	ABS	0	—	2 openings
KM-58A	53	33	20	ABS	0	—	3 openings



Z-12



Z-61





Z-61



SERIES E

Electrical casings manufactured in Polystyrene material. Upon request ABS material available. Standard colours RAL 9004 and RAL 7035. Casing Z-61 with polished surface finishing and closing by six screws. No screw needed in Z-12 casing, two parts simply snap together, matt surface finishing.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-12	102	62	47	PS	0	—	—
Z-61	119	80	42	PS	6	—	—



SERIES F



Ultrasound enclosures made of ABS material with matt surface finishing. Enclosures with mounting tabs, matt surface finishing and snap together closing. No screw required. Upon request light material ABS RAL 7035 available.

KM-11



KM-12



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-11	52	25	16	ABS	0	0	3 openings
KM-12	59	36	18	ABS	0	0	3 openings



Various Enclosures





Z-22

Polystyrene material enclosure secured by two screws. Matt surface finishing. Also available in light colour RAL 7035.



KM-81

ABS material enclosure in rounded shape, available in RAL 9004 and RAL 7035 colours. Polished surface finishing. Snap together closing, no screw required.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-22	65	49	23	PS	0	–	–
KM-81	70	18		ABS	0	–	–





Z-93

ABS material enclosure with snap on cover, no screw needed. Cover has a recessed area suitable for a membrane keypad or displays. Integral mounting studs for PCB inside. Matt surface finishing. Casing manufactured in RAL 7035 colour. Good choice for a wall-mount device.



KM-96

ABS material enclosure available in RAL 7035 and RAL 9004 colours. With matt surface finishing and snap together closing, no screw needed. Available with mounting tabs on sides. Base of enclosure with integral PCB mounting studs inside.

Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-93	131	70	29	ABS	0	–	–
KM-96	69	50	25	ABS	0	–	–





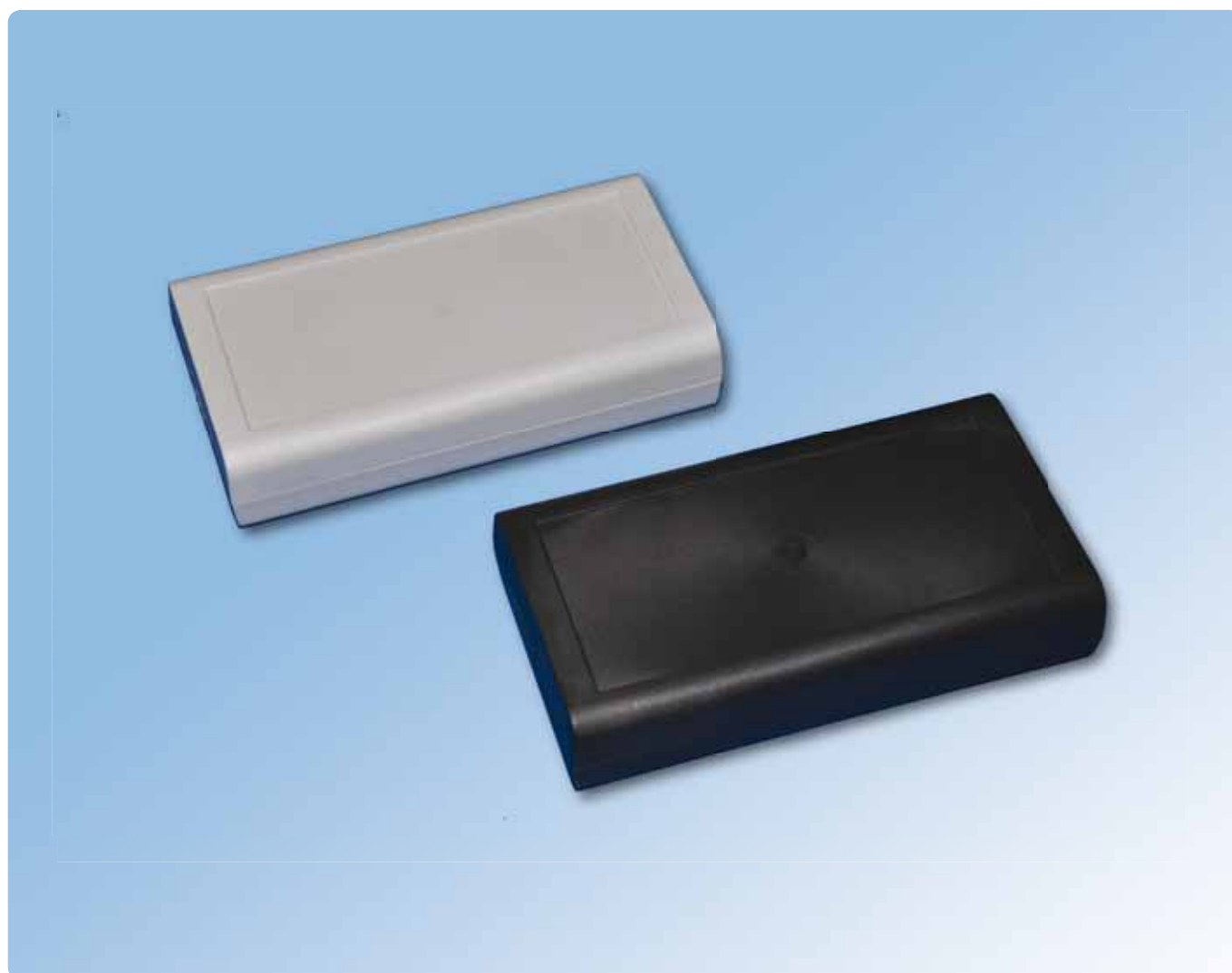
Various Enclosures



KM-43

Wall-mount enclosure in stylish shape manufactured in ABS material. Base of enclosure with integral mounting studs for PCB. Cover has a recessed area suitable for a membrane keypad or displays. Matt and polished surface finishing. Gummy screw covers included. Base and cover - snap together closing. Available in colours RAL 9004 and RAL 7035.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-43	92	65	20	ABS	0	—	—



Z-44

Polystyrene material enclosure with rounded corners, made in RAL 9004 and RAL 7035 colours. Upon request ABS material available. Each half-shell has a integral mounting studs for PCB inside and a recessed area suitable for a membrane keypad or displays on the cover. Two half-shells simply snap together, no screw required. Matt surface finishing.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-44	150	80	33	PS	0	—	—





Various Enclosures



Z-91

Original shape and stylish look of ABS material enclosure manufactured in RAL 7035 colour. Base of enclosure with integral PCB mounting studs. Cover has a recessed area suitable for a membrane keypad or displays. Gentle matt surface finishing. Snap together closing, no screw required. Great solution for a desktop or wall-mount device.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
Z-91	130	100	36	ABS	0	—	—



KM-90

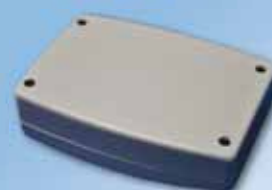
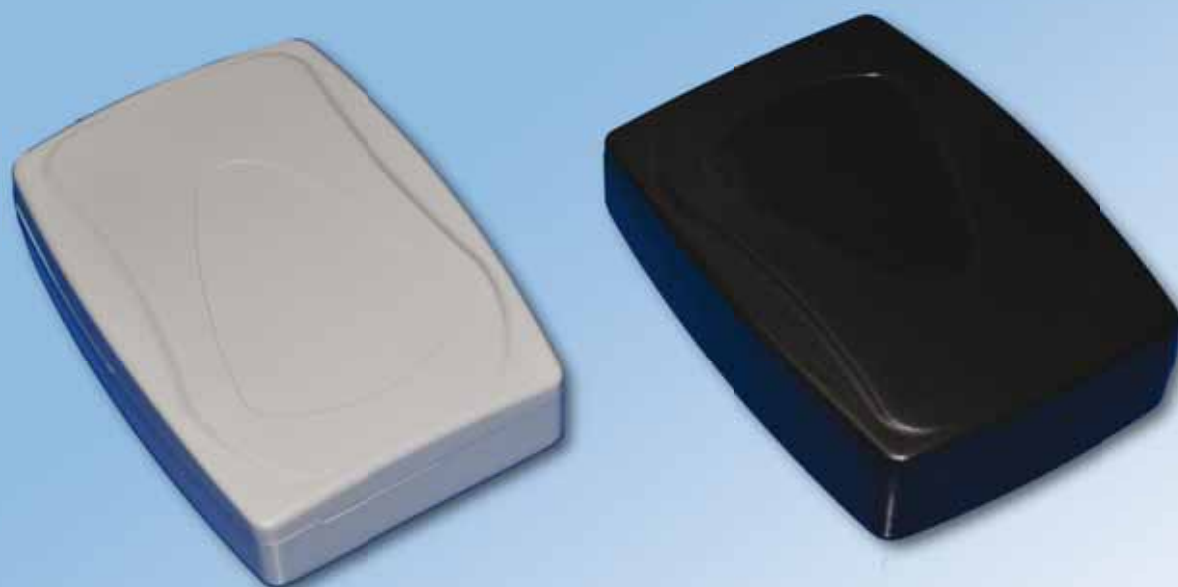
ABS material enclosure available in RAL 9004 and RAL 7035 colours. With polished surface finishing. Secured by two screws. Enclosure available with mounting tabs and with a recessed area suitable for a label on rear side.



Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-90	58	50	26	ABS	2	—	—





Various Enclosures



KM-108

ABS material enclosure in modern shape with a recessed area suitable for a membrane keypad or displays on the cover. Matt and polished surface finishing. Closing by four screws. Can be use as a desktop card reader. Available in colours: RAL 9004 and RAL 7035.

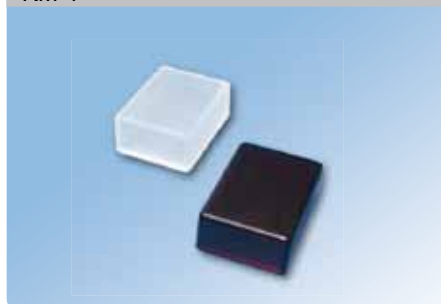
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-108	136	96	39	ABS	4	—	—

Transparent Enclosures



Range of transparent casings manufactured in ABS material. Enclosures available in different colours and shapes. We can provide any colour from RAL specification upon customer's request.

KM-1



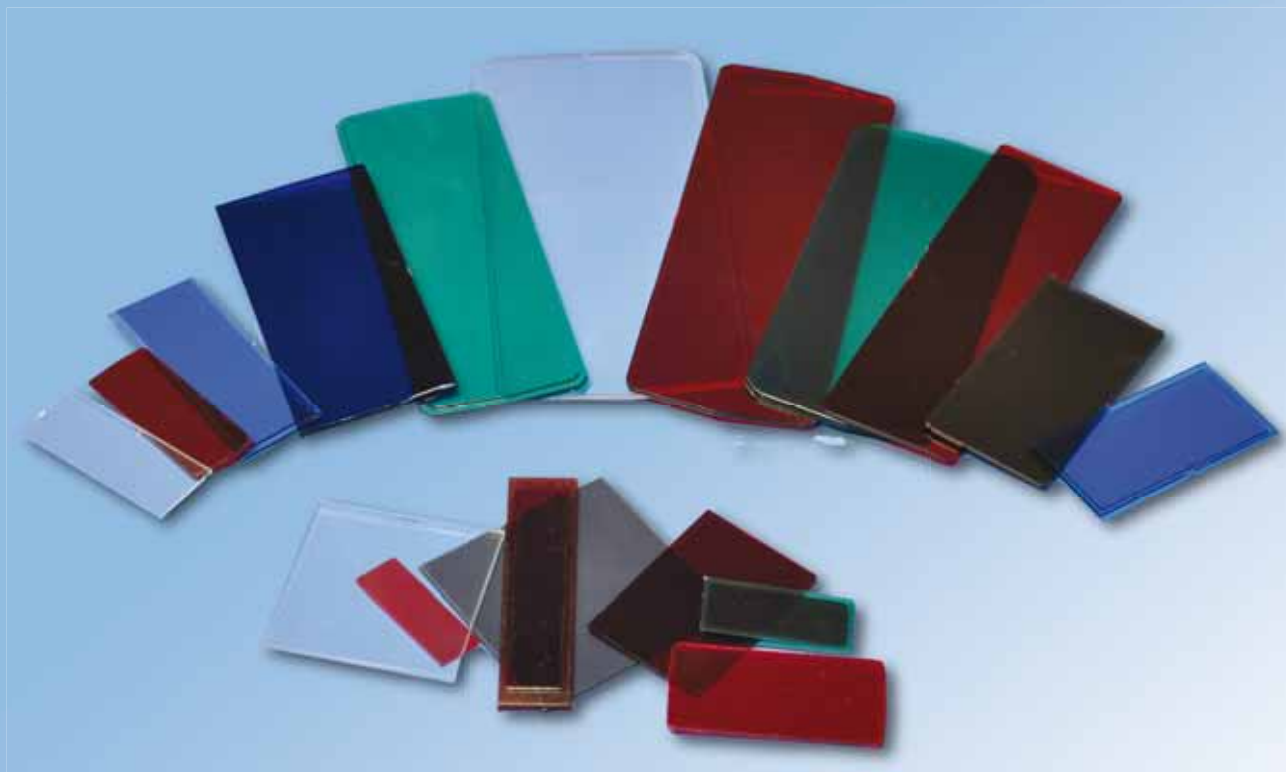
KM-75



KM-24



Model	Dimensions			Material	Colors				
	Length	Width	Height		Green	Blue	Red	Colorless	Dark red
Z-63	26	17	15	ABS Transparent	–	–	+	–	–
KM-3	43	27	17	ABS Transparent	–	+	–	–	–
KM-1	43	32	22	ABS Transparent	–	–	+	+	–
Z-43	46	31	16	ABS Transparent	–	+	+	–	–
Z-47	50	40	20	ABS Transparent	–	–	+	–	–
Z-47U	50	40	20	ABS Transparent	–	–	+	–	–
KM-24	55	30	24	ABS Transparent	+	+	+	–	+
Z-24A	66	47	24	ABS Transparent	–	+	+	+	–
Z-23A	84	59	22	ABS Transparent	–	+	+	+	–
Z-23	84	59	30	ABS Transparent	–	+	+	+	–
Z-23B	84	59	37	ABS Transparent	–	+	+	+	–
Z-75	95	45	23	ABS Transparent	–	+	+	–	–
Z-76	109	60	28	ABS Transparent	–	+	+	–	–
Z-77	124	72	38	ABS Transparent	–	+	+	–	–
Z-78	154	85	43	ABS Transparent	–	+	+	–	–



Range of transparent panels manufactured in Polystyrene and ABS material. Front panels available in different colours and sizes. We can provide any colour from RAL specification upon customer's request.

Filtr	Dimensions			Material	Colors				Suiting with enclosures
	Length	Width	Height		Green	Blue	Red	Colorless	
FI-0105	42	14	2,2	ABS Transparent	–	–	+	–	Z-105
FI-026N	46	20	3	ABS Transparent	+	+	+	+	KM-26N
FI-0033	46	22	2	ABS Transparent	+	+	+	+	KM-33
FI-0067	58	22	2	ABS Transparent	–	–	+	–	Z-62, Z-67
FI-061A	59	23	1	ABS Transparent	+	+	+	+	KM-61
FI-062A	59	41	1	ABS Transparent	+	+	+	+	KM-62
FI-063A	59	59	1	ABS Transparent	+	+	+	+	KM-63
FI-0600	62	31	1,9	ABS Transparent	–	–	+	–	Z-60
FI-0061	67	31	2	ABS Transparent	+	+	+	+	KM-61
FI-0062	67	49	2	ABS Transparent	+	+	+	+	KM-62
FI-0063	67	67	2	ABS Transparent	+	+	+	+	KM-63
FI-0034	70	34	2	ABS Transparent	+	+	+	+	KM-34



Filtr	Dimensions			Material	Colors				Suiting with enclosures
	Length	Width	Height		Green	Blue	Red	Colorless	
FI-0035	84	30	2	ABS Transparent	+	+	+	+	KM-35
FI-042N	84	36	3	ABS Transparent	+	+	+	+	KM-42N
FI-048N	84	42	3	ABS Transparent	+	+	+	+	KM-48N
FI-0019	90	21	2,4	ABS Transparent	+	–	+	–	Z-19
FI-0036	90	21	2,4	ABS Transparent	+	–	+	–	Z-36
FI-0101	98	40	1,7	ABS Transparent	–	–	+	–	Z-101
FI-0056	113	51	3	ABS Transparent	+	+	+	+	KM-56
FI-0002	144	64	3	ABS Transparent	+	–	+	–	Z-2P, Z-2W, Z-3P, Z-3W
FI-0050	146	45	2	ABS Transparent	+	+	+	+	KM-50
FI-0060	153	54	3	ABS Transparent	+	+	+	+	KM-60
FI-001A	171	62	2,6	ABS Transparent	+	–	+	–	Z-1A
FI-0085	173	80	3	ABS Transparent	+	+	+	+	KM-85
FI-0001	183	63	3	ABS Transparent	+	–	+	–	Z-1P, Z-1W





Accessories



To complete our offer we present a selection of very useful accessories and replacement parts for your device. For more details please visit our website: www.maszcyk.pl.

Battery contacts



Light emitting parts



Screw covers



Cord sleeve





We also offer range of metallic accessories especially useful as a battery contacts for remote controller enclosures. For more details please visit our website: www.maszczyk.pl.

Battery contacts



Connectors



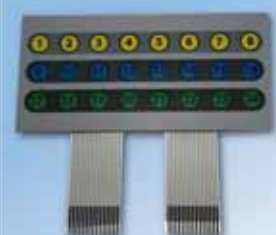


Switch Membranes

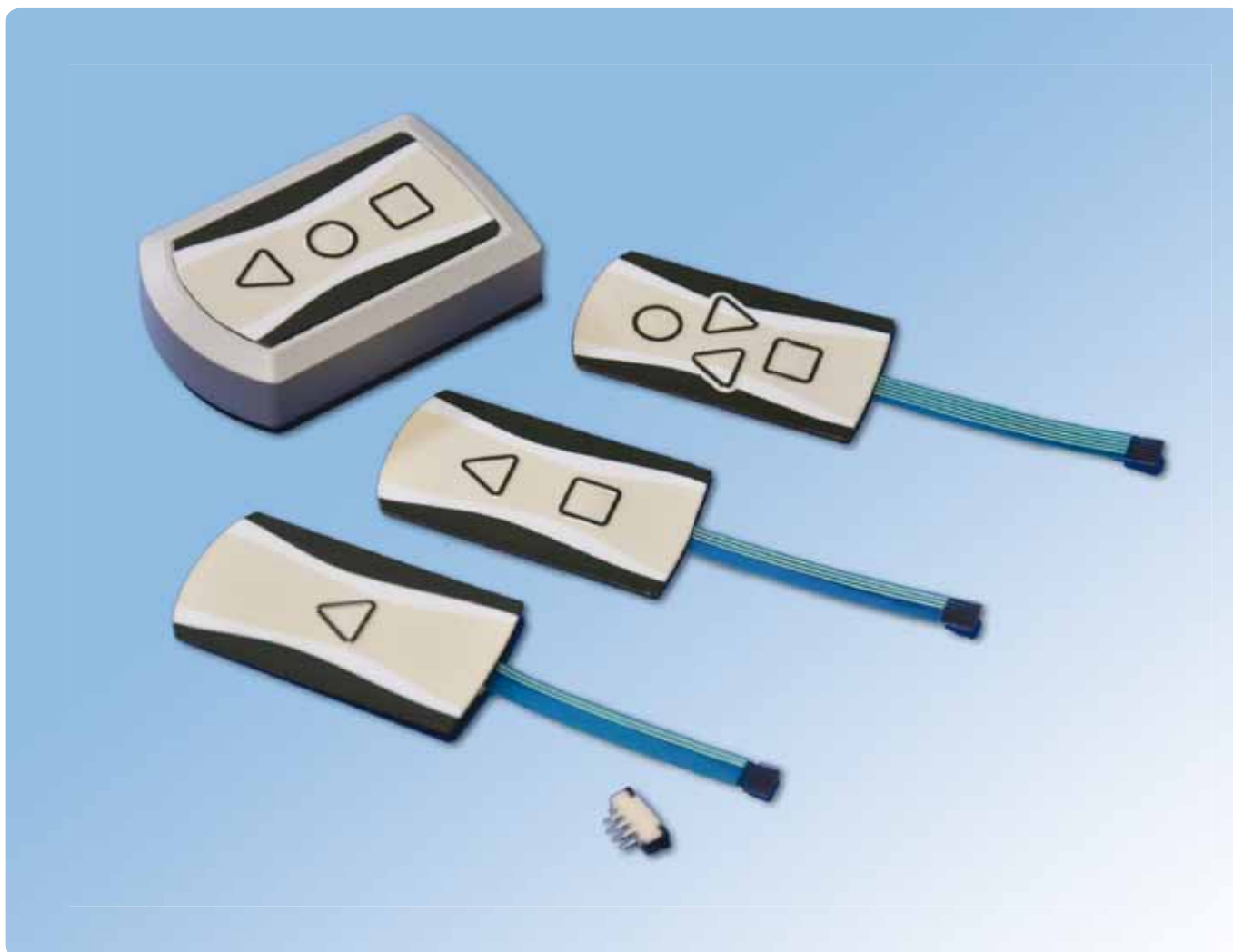


We can provide the enclosures with membrane keyboards and PVC foils to let customers obtain a final product.

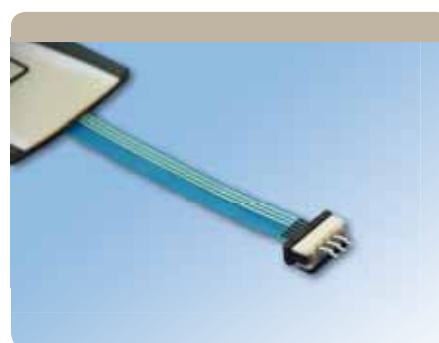
We guarantee high quality result and low investment. The minimum order quantity changes according to the size of the membrane, number of buttons, etc.





Switch Membranes



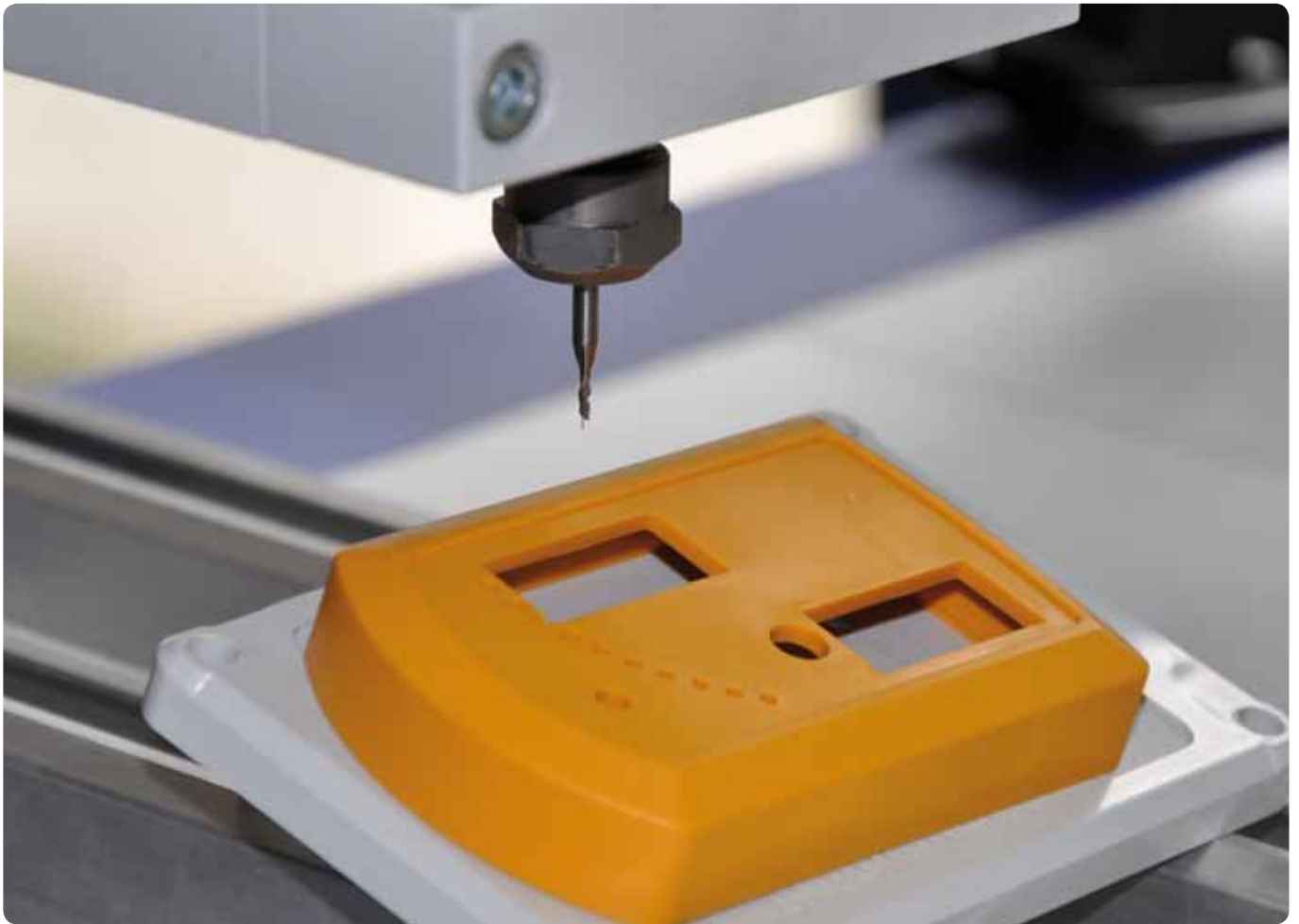
We offer membrane keypads available from one to four configurations of buttons. Specially designed and suitable for a KM-100A enclosure.



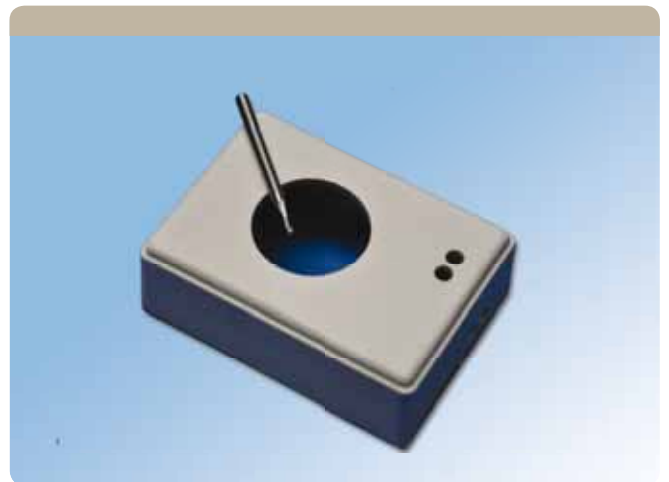
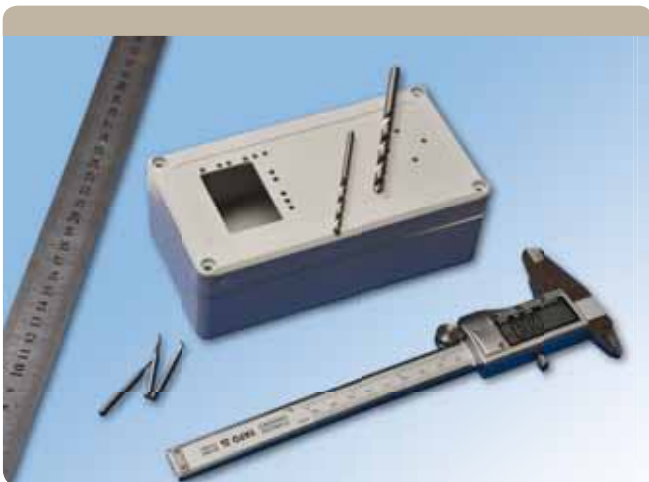
Model	Dimensions			Material			Accessories
	Length	Width	Height				Option
KM-100A/B1	73	46	17	ABS	4		1 button
KM-100A/B2	73	46	17	ABS	4		2 buttons
KM-100A/B3	73	46	17	ABS	4		3 buttons
KM-100A/B4	73	46	17	ABS	4		4 buttons



Punching



We offer drilling process for all kinds of cut-outs to meet costumers specific requirements. Just simply provide us a drawing with openings you need, and we will send back samples as soon as possible. We can offer you the solution you need, for any quantity.





We offer printing process which allows to obtain all kinds of logo in different colours. Simply provide us a drawing with inscription or logo you require and we will send samples as soon as possible. For further informations please contact us or visit our website www.maszczyk.pl.





We can manufacture the enclosures in out of standard colours and materials. Simply consult the colour from RAL specification with us and we will provide it. The minimum order quantity changes according to the size of the enclosure but it usually consists on 1000 pieces.

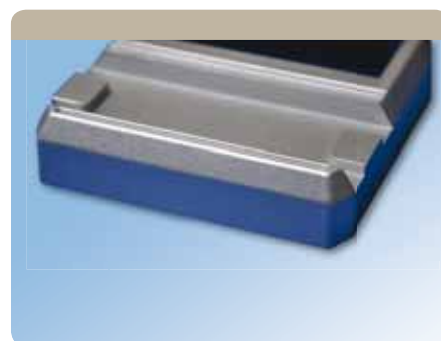
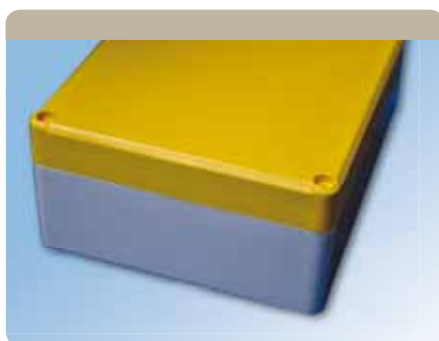
Basic materials used for production of MASZCZYK enclosures:

- POLYSTYRENE/PA
- ABS
- POLYAMIDE 6.6/PA6.6
- flame retardant ABS UL-94-V0





We can provide ornament of our products like painting in any colour from RAL specification or decoration coating imitating wood, steel, etc.
For more details please contact us or visit our website: www.maszczyk.pl.

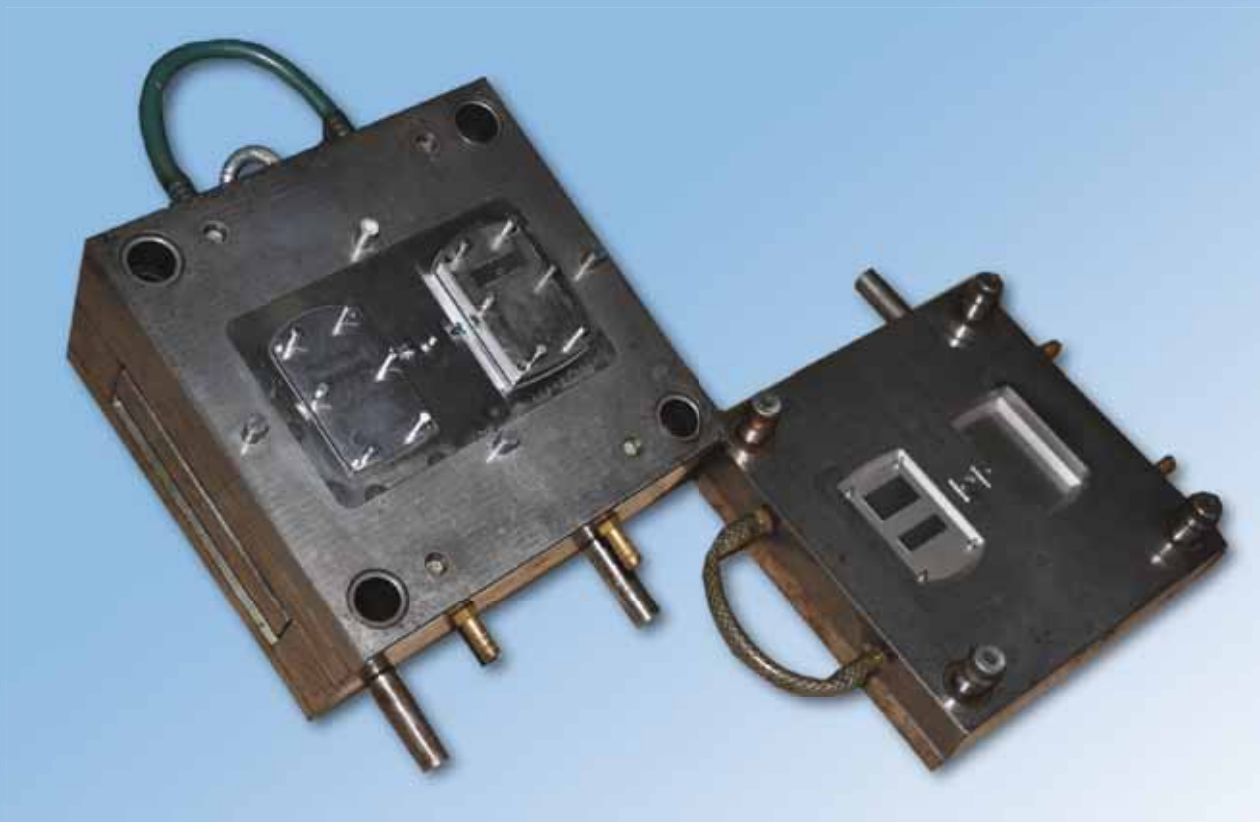




We offer complete PCB electronic for our pilot casing P-101. Ready to program by your own manufacture code. Great solution for your device, for any quantity. Our electronic offer for group of remote controller enclosures is developing.

That's why in the nearest future we will be happy to present You much more.





We also offer mould building according to customer's requirements. Because we handle all steps of the mould manufacturing process your order will be processed quickly with a high level of quality from the very start to finish.

For more details please contact us or visit our website: www.maszczyk.pl.





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