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ABS Plastic Multi-Purpose Enclosures w/ PC Board Standoffs *1591XX Series*

Flame Retardant, General Purpose, Flanged Lid Options









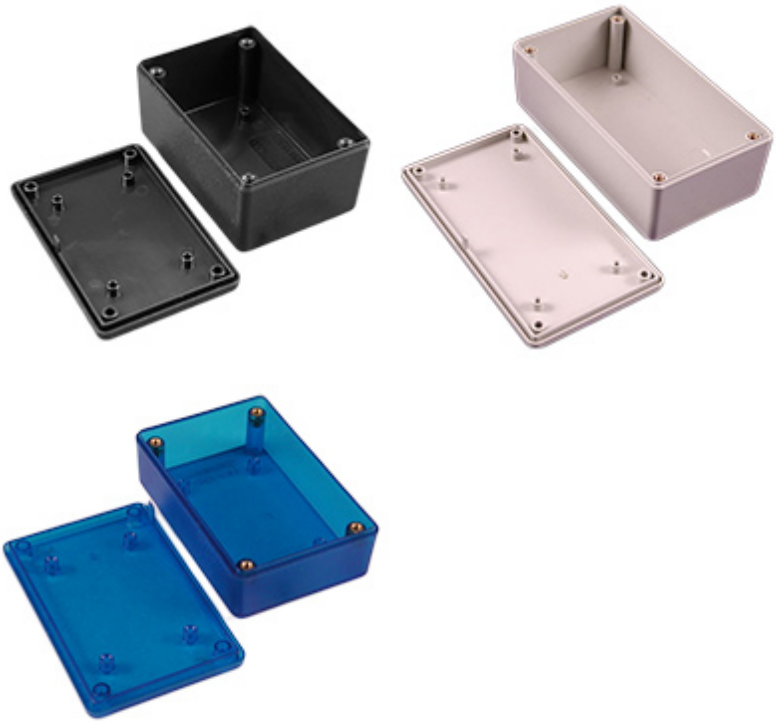
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Key Features:

- Ideally suited for mounting printed circuit boards horizontally.
- Internal sides of enclosure are smooth for easy connector installation, except for the largest enclosure 1591XXF. 1591XXF size is a universal type which includes PC board standoffs in the lid and enclosure as well as card guides.
- Provides protection against access of dust and splashing water.
- Designed to meet IP54.
- Lid and box both contain integral PC board standoffs.
- Standard black and gray versions molded from easy-to-machine, flame retardant ABS plastic which carries a UL flammability rating of UL94 V-0.
- Transparent blue and all economy versions are molded from general purpose plastic that is not flame retardant.
- On standard versions, the lid is secured with M3 x 10 mm Phillips machine screws threaded into integral brass bushings. Perfect for applications with repetitive assembly and disassembly are required.
- Economy versions are assembled with self-tapping screws into fully plastic posts.
- Black and transparent blue enclosures include black screws, while gray enclosures include nickel plated screws.

Photo Features:

Available in black, gray, or transparent blue. PC board mounting bosses located inside the box and lid and are sized for #4 x 1/4" self-tapping screws (not included with enclosure).



Also available with mounting flanges integrated into the lid (black and gray only).



Accessory flanges are also available (sold separately from enclosures).



Hardware:

- Replacement machine lid screws for standard flame retardant versions are available in packs of 100: **1591MS100** (nickel plated) or **1591MS100BK** (black)
- Replacement self-tapping lid screws for economy versions are available in packs of 100: **1591TS100** (nickel plated) or **1591TS100BK** (black)
- PC board screws are available in pack of 50, **1593ATS50**, and pack of 100, **1593ATS100**

Accessories

- Plastic Flanges

Enclosures Without Mounting Flanges

Flame Retardant Plastic w/ Brass Screw Inserts		General Purpose ABS w/ Brass Screw Inserts	General Purpose ABS w/ Self Tapping Screws			Enclosure
Black	Gray	Transparent Blue	Black	Length (mm)	Width (mm)	Depth (mm)
1591XXMBK	1591XXMGY	1591XXMTBU	1591XXMSBK	86	57	27
1591XXLBK	1591XXLGY	1591XXLTBU	1591XXLSBK	87	58	39
1591XXABK	1591XXAGY	1591XXATBU	1591XXASBK	101	51	25
1591XXSBK	1591XXSGY	1591XXSTBU	1591XXSSBK	112.5	85	44
1591XXBBK	1591XXBGY	1591XXBTBU	1591XXBSBK	114	63	31
1591XXCBK	1591XXCGY	1591XXCTBU	1591XXCSBK	121	67	40
1591XXTBK	1591XXTGY	1591XXTTBU	1591XXTSBK	123	83	59
1591XXGBK	1591XXGGY	1591XXGTBU	1591XXGSBK	112	96	38
1591XXUBK	1591XXUGY		1591XXUSBK	123.5	123.5	60
1591XXDBK	1591XXDGY	1591XXDTBU	1591XXDSBK	152	82	50.5
1591XXEBK	1591XXEGY	1591XXETBU	1591XXESBK	193	113	61
1591XXFBK	1591XXFGY		1591XXFSBK	221	150	63.5

Enclosures With Mounting Flanges

Flame Retardant Plastic w/ Brass Screw Inserts		General Purpose ABS w/ Self Tapping Screws			Enclosure
Black	Gray	Black	Length (mm)	Width (mm)	Depth (mm)
1591XXMFLBK	1591XXMFLGY	1591XXMSFLBK	86	57	27
1591XXLFLBK	1591XXLFLGY	1591XXLSFLBK	87	58	39
1591XXAFLBK	1591XXAFLGY	1591XXASFLBK	101	51	25
1591XXSFLBK	1591XXSFLGY	1591XXSSFLBK	112.5	85	44
1591XXBFLBK	1591XXBFLGY	1591XXBSFLBK	114	63	31
1591XXCFLBK	1591XXCFLGY	1591XXCSFLBK	121	67	40
1591XXTFLBK	1591XXTFLGY	1591XXTSFLBK	123	83	59
1591XXGFLBK	1591XXGFLGY	1591XXGSFLBK	112	96	38
1591XXUFLBK	1591XXUFLGY	1591XXUSFLBK	123.5	123.5	60
1591XXDFLBK	1591XXDFLGY	1591XXDSFLBK	152	82	50.5
1591XXEFLBK	1591XXEFLGY	1591XXESFLBK	193	113	61
1591XXFFLBK	1591XXFFLGY	1591XXFSFLBK	221	150	63.5

Tags: **plastic**, **project box**, **ABS**, **PCB**, **flanged**, **bottom flange**, **flanged lid**, **multipurpose**

Data subject to change without notice

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