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## ABS Plastic Hand Held/Instrument Enclosures 1593 Series

PCB Enclosures w/ Removeable End Panels, Battery Compartments

### Key Features:

- Electronic instrument enclosures, ideally suited for mounting printed circuit boards.
- Ergonomically designed for a comfortable fit into the user's hand.
- Versions without a battery door are designed to meet IP54 ratings.
- Recessed top for membrane display or pad.
- "Three snap" battery door designed for long life.
- Molded in a choice of black, grey, or transparent blue general purpose ABS plastic with a satin texture.
- Unit is secured with self-tapping screws.
- Black and transparent blue enclosures include black finish screws. Grey enclosures include nickel finish screws.



### Notes:

- Due to their low profile design, the 1593S and 1593T models will only accept AAA batteries. The two AAA battery holder kit (below) is the largest holder that will fit.

#### Contoured Panel Option

Sizes K, L, N, D, and X come with flat and contoured panels to match the profile of the case.



#### Battery Compartment Style

Sizes S, P, T, Q, and Y come with an integrated battery compartment and door.

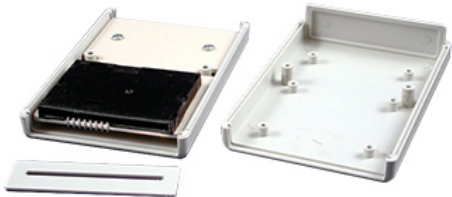


#### No Panels (Size J Only)



Application Spotlight: Smart Card Reader

1593N sizes are designed to house smart card readers (shown with modified end panel).



1593 Series Accessories

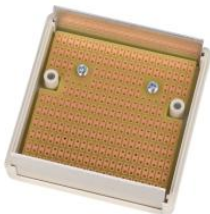
Infrared Panels

Sold in packs of 10 panels. See tables below for compatibility.



PC Board

See tables below for compatibility.



Aluminum End Panels

Supplied with plastic protective covering. See tables below for compatibility.



Belt Clip

Plastic clip with nylon screws (for insulation). Includes a drill template for mounting.

1599CLIP (black)

1599CLIPGY (gray)



Enclosure Part Numbers

| Part Number<br>Black | Part Number<br>Gray | Part Number<br>Trans Blue | Removable<br>Panels | Battery<br>Door | Length | Width | Depth |
|----------------------|---------------------|---------------------------|---------------------|-----------------|--------|-------|-------|
| 1593VBK              | 1593VGY             | 1593VTBU                  | 2                   | No              | 105    | 60    | 35    |
| 1593KBK              | 1593KGY             | 1593KTBU                  | 2                   | No              | 66     | 67    | 28    |
| 1593JBK              | 1593JGY             | 1593JTBU                  | 0                   | No              | 66     | 66    | 28    |
| 1593ARBK             | 1593ARGY            | 1593ARTBU                 | 2                   | No              | 74     | 76    | 27    |
| 1593SBK              | 1593SGY             | 1593STBU                  | 1                   | Yes             | 92     | 67    | 21    |
| 1593PBK              | 1593PGY             | 1593PTBU                  | 1                   | Yes             | 92     | 67    | 28    |
| 1593LBK              | 1593LGY             | 1593LTBU                  | 2                   | No              | 92     | 66    | 28    |
| 1593BBBK             | 1593BBGY            | 1593BBTBU                 | 2                   | No              | 95     | 77    | 30    |
| 1593NBK              | 1593NGY             | 1593NTBU                  | 2                   | No              | 111    | 75    | 25    |
| 1593WBK              | 1593WGY             | 1593WTBU                  | 2                   | No              | 110    | 105   | 35    |
| 1593TBK              | 1593TGY             | 1593TTBU                  | 1                   | Yes             | 112    | 67    | 21    |
| 1593QBK              | 1593QGY             | 1593QTBU                  | 1                   | Yes             | 112    | 67    | 28    |
| 1593DBK              | 1593DGY             | 1593DTBU                  | 2                   | No              | 114    | 36    | 26    |
| 1593YBK              | 1593YGY             | 1593YTBU                  | 1                   | Yes             | 140    | 66    | 28    |
| 1593XBK              | 1593XGY             | 1593XTBU                  | 2                   | No              | 140    | 66    | 28    |

Replacement Screws & Accessories

| Enclosure<br>Part Number | Silver<br>Assembly<br>Screws (100-<br>pack) | Black<br>Assembly<br>Screws (100-<br>pack) | PC Board<br>Mounting<br>Screws<br>(50-pack) | IR Panels<br>(10-pack) | Aluminum<br>Panels<br>(10-pack) | PC Board<br>(enclosure sold<br>separately) |
|--------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------|------------------------|---------------------------------|--------------------------------------------|
| 1593K                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       | 1593KPCB                                   |
| 1593J                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   |                        |                                 |                                            |
| 1593AR                   | 1591TS100                                   | 1591TS100BK                                | SC519-50                                    | 1593ARIR10             | 1593ARAL10                      |                                            |
| 1593S                    | 1593MS100                                   | 1593MS100BK                                | 1593ATS50                                   | 1593SIR10              | 1593SAL10                       |                                            |
| 1593P                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       | 1593PPCB                                   |
| 1593L                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       | 1593LPCB                                   |
| 1593BB                   | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593BBIR10             | 1593BBAL10                      |                                            |
| 1593N                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593NIR10              | 1593NAL10                       |                                            |
| 1593T                    | 1593MS100                                   | 1593MS100BK                                | 1593ATS50                                   | 1593SIR10              | 1593SAL10                       |                                            |
| 1593Q                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       | 1593QPCB                                   |
| 1593D                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593DIR10              | 1593DAL10                       |                                            |
| 1593Y                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       |                                            |
| 1593X                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   | 1593PIR10              | 1593PAL10                       |                                            |
| 1593V                    | 1593QS100                                   | 1593QS100BK                                | 1593ATS50                                   |                        | 1593VAL10                       |                                            |
| 1593W                    | 1593QS100                                   |                                            | 1593ATS50                                   |                        | 1593VAL10                       |                                            |

1591TS100 and 1591TS100BK are #4 x ½" (12.7mm) flat head self-tapping screw. 1593MS100 and 1593MS100BK are self-tapping, oval head type, #4 x 0.625" (15.9 mm). 1593QS100 and 1593QS100BK are self-tapping, oval head type, #4 x 0.75" (19.1 mm). SC519-50 is M2.6 x 0.6mm pan head. 1593ATS50 is #4 x 1/4" pan head and also available in packs of 100 (1593ATS100).

Tags: **ABS, plastic, end panels, PCB, battery, handheld, instrument**

Data subject to change without notice