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## ABS Plastic Hand Held/Instrument Enclosures 1593 Series

PC Board 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.
- Designed to meet IP54 ratings.
- Recessed top for membrane display or pad.
- Units with battery door use our long life "three snap" door.
- Lap joint construction provides protection against dust accumulation and splashing water.
- 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 screws, grey includes nickel finish screws.

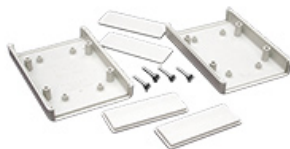


### Notes:

- Due to their low profile design, the 1593S & 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, & X comes with flat and contoured panels to match the profile of the case..



#### Battery Compartment Style

Sizes S, P, T, Q, & V comes with an integrated battery compartment and door.

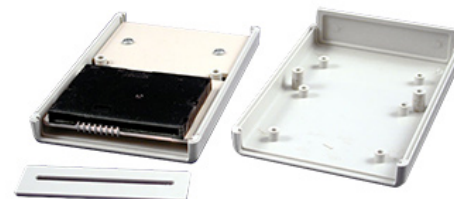


#### No Panels (Size J Only)



#### Application Spotlight: Smart Card Reader

The 1593NBK, 1593NGY are designed to house smart card readers (shown with modified end panel).



## 1593 Series Accessories

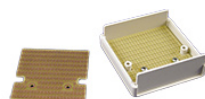
### Infrared Panels

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 | Enclosure<br>Depth |
|----------------------|---------------------|---------------------------|---------------------|-----------------|--------|-------|--------------------|
| 1593VBK              | 1593VGY             | 1593VTBU                  | 2                   | No              | 2.36   | 4.13  | 1.38               |
| 1593KBK              | 1593KGY             | 1593KTBU                  | 2                   | No              | 2.60   | 2.60  | 1.10               |
| 1593JBK              | 1593JGY             | 1593JTBU                  | 0                   | No              | 2.60   | 2.60  | 1.10               |
| 1593ARBK             | 1593ARGY            | 1593ARTBU                 | 2                   | No              | 2.95   | 2.91  | 1.06               |
| 1593SBK              | 1593SGY             | 1593STBU                  | 1                   | Yes             | 3.60   | 2.60  | 0.83               |
| 1593PBK              | 1593PGY             | 1593PTBU                  | 1                   | Yes             | 3.60   | 2.60  | 1.10               |
| 1593LBK              | 1593LGY             | 1593LTBU                  | 2                   | No              | 3.60   | 2.60  | 1.10               |
| 1593BBBK             | 1593BBGY            | 1593BBTBU                 | 2                   | No              | 3.75   | 3.00  | 1.18               |
| 1593NBK              | 1593NGY             | 1593NTBU                  | 2                   | No              | 4.30   | 2.90  | 1.00               |
| 1593WBK              | 1593WGY             | 1593WTBU                  | 2                   | No              | 4.33   | 4.13  | 1.38               |
| 1593TBK              | 1593TGY             | 1593TTBU                  | 1                   | Yes             | 4.40   | 2.60  | 0.83               |
| 1593QBK              | 1593QGY             | 1593QTBU                  | 1                   | Yes             | 4.40   | 2.60  | 1.10               |
| 1593DBK              | 1593DGY             | 1593DTBU                  | 2                   | No              | 4.50   | 1.40  | 1.00               |
| 1593YBK              | 1593YGY             | 1593YTBU                  | 1                   | Yes             | 5.50   | 2.60  | 1.10               |
| 1593XBK              | 1593XGY             | 1593XTBU                  | 2                   | No              | 5.50   | 2.60  | 1.10               |

## Replacement Screws & Accessories

| Enclosure Part<br>Number | Silver<br>Assembly | Black<br>Assembly | PC Board<br>Mounting Screws | IR Panels | Aluminum<br>Panels | PC Board |
|--------------------------|--------------------|-------------------|-----------------------------|-----------|--------------------|----------|
|--------------------------|--------------------|-------------------|-----------------------------|-----------|--------------------|----------|

| Enclosure Part Number | Silver Assembly | Black Screws (100-pack) | PC Board Mounting Screws (50-pack) | IR Panels (10-pack) | Aluminum Panels (10-pack) | (enclosure sold separately) |
|-----------------------|-----------------|-------------------------|------------------------------------|---------------------|---------------------------|-----------------------------|
| Beginning With        | (100-pack)      | (100-pack)              | (50-pack)                          | (10-pack)           | (10-pack)                 | separately)                 |

| Beginning With | Screws (100-pack) | Screws (100-pack) | (50-pack) | (10-pack)  | (10-pack)  | (enclosure sold 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         | 1591TS100         | 1591TS100BK       | 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  |                             |

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)

*Data subject to change without notice*

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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