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ABS Plastic Project Enclosures *RL Series*

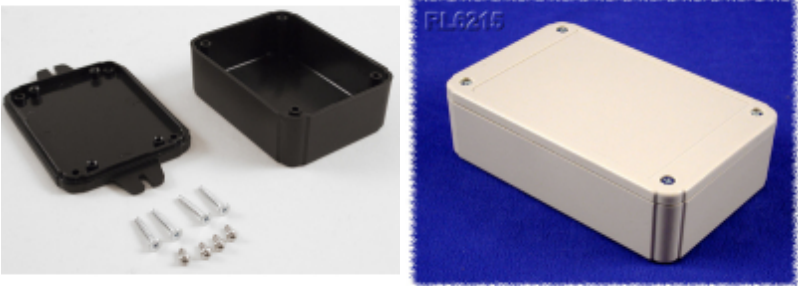
Shallow Lid

Key Features:

- Designed to house P.C. boards for hand-held use or wall mount.
- Molded in light grey or black general purpose ABS plastic with a light texture.
- Two part construction. Both halves include smooth recessed area for membrane, label or silkscreen (see chart below for recess size).
- P.C. board standoffs are molded into both halves of the enclosure (see photo tables for details).
- Designed to meet IP54.
- All sizes also available in a flanged lid version.
- Enclosures include lid screws and PCB screws. For corresponding packs of replacement screws, see part drawings below.



Photos:



Available in black or gray, and with or without mounting flanges. Includes lid and PC board screws.

Enclosures (No Wall Mounting Flanges)

| Black Enclosure | Gray Enclosure | Length (mm) | Width (mm) | Height (mm) | Max PCB Length (mm) | Max PCB Width (mm) |
|-----------------|----------------|-------------|------------|-------------|---------------------|--------------------|
| RL6105BK        | RL6105         | 80          | 60         | 30          | 74.43               | 54.43              |
| RL6115BK        | RL6115         | 80          | 60         | 40          | 73.91               | 53.91              |
| RL6165BK        | RL6165         | 105         | 65         | 30          | 99.43               | 59.43              |
| RL6175BK        | RL6175         | 105         | 65         | 40          | 98.91               | 58.91              |
| RL6205BK        | RL6205         | 125         | 80         | 25          | 119.31              | 74.31              |
| RL6215BK        | RL6215         | 125         | 80         | 35          | 118.84              | 73.84              |
| RL6225BK        | RL6225         | 125         | 80         | 50          | 118.05              | 73.05              |
| RL6335BK        | RL6335         | 125         | 100        | 60          | 117.53              | 92.53              |
| RL6365BK        | RL6365         | 125         | 100        | 90          | 115.96              | 85.26              |
| RL6435BK        | RL6435         | 150         | 100        | 60          | 142.53              | 87.35              |
| RL6465BK        | RL6465         | 150         | 100        | 90          | 140.96              | 87.35              |
| RL6555BK        | RL6555         | 175         | 125        | 70          | 166.03              | 109.35             |
| RL6585BK        | RL6585         | 175         | 125        | 100         | 164.46              | 109.35             |

| Black     | Gray      |             |            |             | Max PCB     | Max PCB    |
|-----------|-----------|-------------|------------|-------------|-------------|------------|
| Enclosure | Enclosure | Length (mm) | Width (mm) | Height (mm) | Length (mm) | Width (mm) |
| RL6655BK  | RL6655    | 200         | 150        | 70          | 191.03      | 133.35     |
| RL6685BK  | RL6685    | 200         | 150        | 100         | 189.46      | 133.35     |

Enclosures with Wall Mounting Flanges

| Black      | Gray      |             |            |             | Max PCB     | Max PCB    |
|------------|-----------|-------------|------------|-------------|-------------|------------|
| Enclosure  | Enclosure | Length (mm) | Width (mm) | Height (mm) | Length (mm) | Width (mm) |
| RL6105-FBK | RL6105-F  | 80          | 60         | 30          | 74.43       | 54.43      |
| RL6115-FBK | RL6115-F  | 80          | 60         | 40          | 73.91       | 53.91      |
| RL6165-FBK | RL6165-F  | 105         | 65         | 30          | 99.43       | 59.43      |
| RL6175-FBK | RL6175-F  | 105         | 65         | 40          | 98.91       | 58.91      |
| RL6205-FBK | RL6205-F  | 125         | 80         | 25          | 119.31      | 74.31      |
| RL6215-FBK | RL6215-F  | 125         | 80         | 35          | 118.84      | 73.84      |
| RL6225-FBK | RL6225-F  | 125         | 80         | 50          | 118.05      | 73.05      |
| RL6335-FBK | RL6335-F  | 125         | 100        | 60          | 117.53      | 92.53      |
| RL6365-FBK | RL6365-F  | 125         | 100        | 90          | 115.96      | 85.26      |
| RL6435-FBK | RL6435-F  | 150         | 100        | 60          | 142.53      | 87.35      |
| RL6465-FBK | RL6465-F  | 150         | 100        | 90          | 140.96      | 87.35      |
| RL6555-FBK | RL6555-F  | 175         | 125        | 70          | 166.03      | 109.35     |
| RL6585-FBK | RL6585-F  | 175         | 125        | 100         | 164.46      | 109.35     |
| RL6655-FBK | RL6655-F  | 200         | 150        | 70          | 191.03      | 133.35     |
| RL6685-FBK | RL6685-F  | 200         | 150        | 100         | 189.46      | 133.35     |

Tags: shallow lid, ABS, plastic, PCB, board, black, flanged, project box

Data subject to change without notice