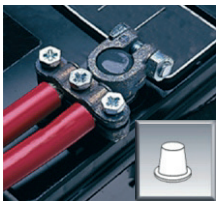
# TERMINAL INSULATORS

## ADAPTER

Adapter Insulators protect terminals that can detach the cable from the terminal, commonly found in the marine industry. Our terminal insulators help your company comply with various industry safety standards.



### 419 Series

- The 419 Series is designed to protect multiple cable terminals.
- The insulator can slide back and forth to enable access to cable connections.
- Cable Entry: 13.8mm [0.53"]

| Part No. | Cable Entry Size |
|---|---|
| 419N9 | Open up to 1/0 ga |



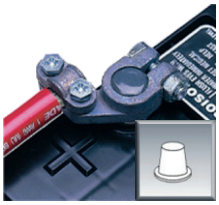


### 421 Series

- The 421 Series is suited to protect offset battery terminals.
- Designed for use with negative terminals (black).
- Cable Entry: 15.2mm [0.60"]

| Part No. | Cable Entry Size |
|---|---|
| 421N9 | 15.2mm [.60"] |





### 422 Series

- The 422 Series is designed for offset battery terminals.
- Commonly used on positive terminals (red).
- Cable Entry: 15.2mm [0.60"]

| Part No. | Cable Entry Size |
|---|---|
| 422N9 | 15.2mm [.60"] |



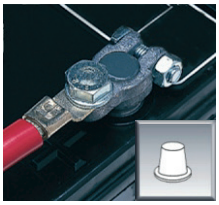


### 456 Series

- The 456 Series offers protection on marine battery terminals.
- Works with bolt-on / wing-nut battery terminals.
- Accepts single or multiple cables.

| Part No. | Cable Entry Size |
|---|---|
| 456N9 | Oval up to 4/0 ga |





### 457 Series

- The 457 Series provides protection on marine battery terminals.
- Works with bolt-on / wing-nut battery terminals.
- Available in 3 sizes

| Part No. | Cable Entry Size |
|---|---|
| 457N1 | 2.8mm [.11"] |
| 457N2 | 8.1mm [.32"] |
| 457N3 | 14.0mm [.55"] |



# TERMINAL INSULATORS

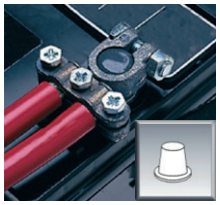
## ADAPTER



| Part No. | Cable Entry Size |
|---|---|
| 451N9 | Open up to 1/0 ga |

### 451 Series

- The 451 Series protects multiple cable adapter terminals.
- The insulator snaps onto the cable enabling easy removal.
- Cable Entry: 13.8mm [.53"]





| Part No. | Cable Entry Size |
|---|---|
| 453L9 | Open up to 1/0 ga |
| 453D9 | Open up to 1/0 ga |

** 'D' Version allows cable to pass through insulator to next connection.*

### 453 Series

- The 453 Series is designed to protect offset adapter battery terminals.
- Commonly used with negative (black) terminals.
- Cable Entry: 12.7mm [.50"]



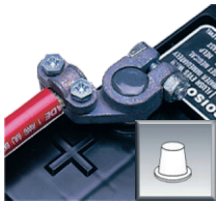


| Part No. | Cable Entry Size |
|---|---|
| 454R9 | Open up to 1/0 ga |
| 454D9 | Open up to 1/0 ga |

** 'D' Version allows cable to pass through insulator to next connection.*

### 454 Series

- The 454 Series is suited to protect offset adapter battery terminals.
- Commonly used with positive (red) terminals.
- Cable Entry: 12.7mm [.50"]

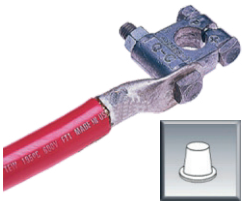




| Part No. | Cable Entry Size |
|---|---|
| 776N7 | 10.7mm [.42"] |
| 776N8 | 15.8mm [.62"] |
| 776N9 | 20.8mm [.82"] |

### 776 Series

- The 776 Series protects heavy duty battery terminals.
- Features a weatherproof insulator / cover kit.
- Can be used with filling material to make a waterproof solution.
- Includes 479 Series Disc:





| Part No. | Cable Entry Size |
|---|---|
| 484N9 | 4/0 ga + (30mm /1.18") |

### 484 Series

- The 484 Series is designed to protect right angle terminals.
- Available in regular (V) material - Thermoplastic Rubber (T).
- Cable Entry: 4/0 ga + sized cables.



