






# MARINE

Switches, Circuit Protection & ELCI/GFCIs








SELECTOR GUIDE

| ROCKERS                             |  |   |  |  |
|-------------------------------------|--|---|--|--|
|                                     | <br><i>V-Series</i> | <br><i>V-Series Rotary</i> | <br><i>V-Charger</i> | <br><i>W-Series</i> |
| <b>Poles</b>                        | 1, 2   | 1, 2  | 1  | 1, 2   |
| <b>Ratings</b>                      | up to<br>20/15A 12/24VDC<br>15A 125VAC<br>10A 250VAC   | up to<br>15A 24VDC<br>20A 12VDC   | 12V/24V DC   | up to<br>10A 24VDC   |
| <b>Actuator</b>                     | rocker, paddle,<br>locking rocker  | ergonomic knob  | sealed spring-loaded<br>access doors   | bezel-less rocker, paddle &<br>locking rocker  |
| <b>Mounting Hole Specifications</b> | .830" x 1.450"<br>[21.08mm x 36.83mm]<br>snap-in mount   | .830" x 1.450"<br>[21.08mm x 36.83mm]<br>snap-in mount  | .830" x 1.450"<br>[21.08mm x 36.83mm]<br>snap-in mount   | .830" x 1.450"<br>[21.08mm x 36.83mm]<br>snap-in mount   |
| <b>Termination</b>                  | .250 tabs<br>solder lug<br>wire leads  | solder lugs<br>.250 tabs<br>wire leads  | .250 tabs  | .110 tabs  |
| <b>Sealing</b>                      | IP66/68 above panel  | IP67 above panel  | Up to IP above panel   | IP68 above and below panel,<br>fully submersible   |
| <b>Illumination</b>                 | incandescent, LED, neon  | incandescent, LED   | LED  | LED  |
| <b>Approvals</b>                    | UL, CSA  | pending   | n/a  | n/a  |


|                                     | TOGGLES   |  |  | PUSHBUTTON   | BATTERY DISCONNECT  |
|-------------------------------------|---|--|--|--|---|
|                                     | <br><i>LT-Series</i> | <br><i>F-Series</i> | <br><i>G-Series</i> | <br><i>P27-Series</i> | <br><i>BD-Series</i> |
| <b>Poles</b>                        | 1, 2  | 1  | 1, 2   | 1  | 1   |
| <b>Ratings</b>                      | up to<br>15A 125VAC<br>10A 250VAC<br>15A 12-28VDC   | up to<br>20A 125VAC<br>20A 277VAC<br>2 HP 250VAC   | up to<br>20A 125VAC<br>20A 277VAC<br>2 HP 250VAC   | up to<br>6A 125VAC<br>3A 277VAC  | 100-300 Amps<br>12VDC/24VDC   |
| <b>Actuator</b>                     | paddle, toggle (bat)  | paddle, toggle (bat)   | paddle, toggle (bat)   | nylon concave<br>pushbutton  | ergonomic knob  |
| <b>Mounting Hole Specifications</b> | .500" dia<br>[12.7mm]<br>bushing mount  | .500" dia<br>[12.7mm]<br>bushing mount   | .500" dia<br>[12.7mm]<br>bushing mount   | .500" dia<br>[12.7mm]<br>bushing mount   | 2.75" diameter; 70.1 mm<br>diameter   |
| <b>Termination</b>                  | .187 tabs<br>solder lug<br>.250 tabs<br>screw terms<br>wire leads<br>PC terms                           | .187 tabs<br>solder lug<br>.250 tabs<br>screw terms<br>wire leads<br>PC terms                          | .187 tabs<br>solder lug<br>.250 tabs<br>screw terms<br>wire leads<br>PC terms                          | .250 tabs<br>solder lug<br>wire leads  | M10 Stud<br>M14 Stud  |
| <b>Sealing</b>                      | standard bushing o-ring   | optional bushing o-ring  | optional bushing o-ring  | n/a  | IP67  |
| <b>Illumination</b>                 | incandescent, neon  | n/a  | n/a  | n/a  | n/a   |
| <b>Approvals</b>                    | n/a   | UL, CSA  | UL, CSA, VDE   | UL CSA   | n/a   |

\*Options and approvals shown may apply to specific construction combinations only, consult factory for clarification.  
 Manufacturer reserves the right to change product specifications without prior notice.

## HYDRAULIC-MAGNETIC CIRCUIT PROTECTION

|  | <br><i>M-Series</i>  | <br><i>A-Series</i>        | <br><i>B-Series</i>                     | <br><i>C-Series</i>  | <br><i>E-Series</i>  |
|--|---|---|--|---|---|
| <b>Number of Poles</b>                   | 1-2   | 1-6 (handle)<br>1-3 (rocker & metal toggle)   | 1-6  | 1-6 (handle)<br>1-3 (rocker & metal toggle)   | 1-6   |
| <b>Actuator Style</b>                    | solid color: angled rocker, paddle, baton, push-to-reset pushbutton, push-pull pushbutton<br>two color: visi-rocker<br>illuminated: angled rocker, flat rocker  | sealed metal toggle<br>handle<br>rocker<br>paddle   | handle<br>rocker   | sealed metal toggle<br>handle<br>rocker   | handle  |
| <b>Available Delays</b>                  | AC/DC: instantaneous, short, medium, hi-inrush  | AC, DC, AC/DC: instantaneous, ultra-short, short, medium & long<br>AC, DC: high inrush-short, medium & long | AC, DC, AC/DC: instantaneous, ultra-short, short, medium & long<br>AC, DC: high inrush-short, medium & long              | AC, DC, AC/DC: instant, ultrashort, short, medium & long<br>AC, DC: high inrush-short, medium & long  | AC, DC, AC/DC: instant, short, medium & long<br>AC, DC, AC/DC: high inrush-short, medium & long   |
| <b>Max Current &amp; Voltage Ratings</b> | <b>1 Pole:</b><br>0.02-15FLA@ 32VDC, 125VAC<br>15.1-25GPA@32VDC, 125VAC<br>0.02-12FLA@250VAC<br>0.02-7.5GPA@50VDC<br>0.02-30GPA@65VDC, 80VDC<br><b>2 Pole:</b><br>0.02-15FLA@65VDC, 250VAC<br>15.1-25GPA@65VDC, 250VAC<br><b>Parallel Pole:</b><br>31-50GPA@80VDC | 0.02-30A@277VAC, 80VDC<br>31.0-50A@125/250VAC, 65VDC  | 0.02-30A@277VAC, 80VDC<br>02-30A@125/250VAC, 65VDC   | <b>UL Listed:</b><br>0.02-250A@80VDC<br>0.1-100A@125VDC<br>0.02-70A@120VAC<br>0.02-20A@240VAC<br><b>UL Recognized:</b><br>0.02-30A@480WYE/277VAC<br>2 Pole, 1Ø; 3 Pole, 3Ø<br>0.02-50A@277VAC<br>0.02-100A@250VAC, 80VDC<br>0.02-100A@120V/ 240VAC, 65VDC | <b>UL Listed</b><br>0.02-100A@240VAC, 80VDC, 125VDC<br><br><b>UL Recognized</b><br>0.02-100A@277VAC, 160VDC, 1 pole<br>0.02-100A@600VAC, 2 Pole 1Ø, 3 pole 3Ø<br>0.02-120A@125VDC, 1 pole |
| <b>Max Interrupting Capacity</b>         | <b>1 Pole:</b><br>1,000A@32VDC<br>1,000A@125VAC<br><b>2 Pole:</b><br>1,000A@65VDC<br>1,000A@250VAC<br><b>Parallel Pole:</b><br>600A@80VDC   | 7500A@80VDC, UL only<br>3000A@120/250VAC, UL only<br>5000A@277VAC, with fuse backup                         | 7500A@80 VDC, UL only<br>3000A@125/250VAC, UL only<br>5000A@277VAC, with fuse backup                                     | <b>UL Listed:</b><br>50000A@80VDC, 1P only<br>10000A@120VAC<br>5000A@125VDC/240VAC<br><b>UL Recognized:</b><br>7500A@80VDC<br>3000A@125/250VAC, UL only<br>5000A@250VAC listed construction<br>5000A@480WYE/277VAC with fuse backup                       | <b>UL Listed</b><br>50000A@80VDC<br>10000A@125VDC & 240VAC-5KA<br><br><b>UL Recognized</b><br>5000A@125VDC<br>5000A@600VAC, without fuse backup<br>10000A@600VAC, with fuse backup        |
| <b>Auxiliary Switch Rating</b>           | 7A@250VAC<br>0.1A@125VAC (gold contacts)<br>7A (res.)@28VDC<br>4A (ind.)@28VDC<br>0.25A@80VDC   | 10.1A@125VAC<br>0.1A@125VAC (gold contacts)<br>0.5A@65VDC<br>0.1A@80VDC                                     | 10.1A@125VAC<br>0.1A@125VAC (gold contacts)<br>0.5A@65VDC<br>0.1A@80VDC  | 10.1A@250VAC<br>0.1A@125VAC (gold contacts)<br>0.5A@80VDC   | 10.1A@250VAC<br>1.0A@65VDC<br>0.1A@80VDC  |
| <b>Available Circuits</b>                | series and switch only parallel pole  | series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil                | series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid-trip with alarm switch | series, shunt, relay, switch only, series with remote shutdown, relay & shunt trip dual coil, mid-trip with alarm switch  | series, shunt, relay, switch only, series with remote shutdown  |
| <b>Terminal Options</b>                  | .250" QC tabs, 8-32 screw with upturned lugs, 8-32, 10-32 screw (bus type), push in stud terminals  | .250" QC tabs<br>8-32 & 10-32 screw (& metric), PCB   | .250" QC tabs, 8-32 & 10-32 screw (& metric), PCB  | 10-32 stud, 1/4-20 stud, 10-32 screw with saddle clamp, 7/16 clip & push-In   | 10-32 stud, 1/4-20 stud, 0-32 screw, 1/4-20 screw, box wire connector   |
| <b>Mounting Method</b>                   | snap-in front panel threaded bushing  | threaded inserts: front panel snap-in   | threaded inserts: front panel snap-in  | threaded inserts  | rear or front panel   |
| <b>Agency Approvals</b>                  | UL recognized, CSA, VDE, TUV, UL489A listed   | UL, CSA, VDE, TUV (rocker), UL1500, UL489A  | UL, CSA, VDE, TUV (rocker), UL1500, UL489, UL489A  | UL, CSA, VDE, TUV, UL1500, UL489, UL489A  | UL, CSA, VDE, UL1500, UL489   |

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|  | THERMAL CIRCUIT PROTECTION  |   | GFCI / ELCI CIRCUIT PROTECTION  |   |
|--|---|---|---|---|
|  | <br>CMB-Series | <br>CLB-Series | <br>PB-Series   | <br>PC-Series  |
| <b>Number of Poles</b>                   | 1   | 1   | 1-3 poles, 3rd pole switched neutral  | 1-poles (1 circuit breaker + 1 GFCI sensor module), 120V,<br>2-pole (2 circuit breakers + 1 GFCI sensor module), 120/240V, or 120V with neutral break<br>2-pole (2 circuit breakers + 1 GFCI sensor module), 240VAC,<br>3-pole 120/240V with neutral break (sensor module has 2 pole width) |
| <b>Actuator</b>                          | pushbutton  | pushbutton  | handle, rocker, flat rocker actuators   | handle, rocker, flat rocker, push-to-reset actuators  |
| <b>Leakage Current Trip Level</b>        | n/a   | n/a   | 30mA & 6mA  | 30mA & 6mA  |
| <b>Leakage Current Trip Time</b>         | n/a   | n/a   | <b>For 30mA leakage trip:</b><br>≤ 22.2mA, shall not trip 30mA, shall trip within .10 seconds, complying with UL-1053 & ABYC E11.<br><br><b>For 6mA leakage trip:</b> ≤25ms | <b>For 30mA leakage trip:</b><br>≤ 22.2mA, shall not trip 30mA, shall trip within .10 seconds, complying with UL-1053 & ABYC E11.<br><br><b>For 6mA leakage trip:</b> ≤25ms   |
| <b>Max Current &amp; Voltage Ratings</b> | 3 to 20A,<br>125-250VAC,<br>32VDC   | 3 to 60A,<br>125-250VAC,<br>32VDC   | 0.10-30A@120/240VAC   | 0.10-50A@120/240VAC - 240VAC  |
| <b>Max Interrupting Capacity</b>         | 2500A@32 VDC  | 2500A@32 VDC  | 5,000A  | 5,000A  |
| <b>Available Circuits</b>                | series trip<br>manual reset   | series trip<br>manual reset   | series trip   | series trip   |
| <b>Termination</b>                       | .250 tab<br>.250 tab with 90° bend<br>screw terminal<br>screw term with 90° bend                | .250 tab<br>.250 tab with 90° bend<br>screw terminal<br>screw term with 90° bend                | .250 tab, 8-32, 10-32, M4,M5<br>screw with upturned lugs 8-32,<br>10-32, M4, M5 screw, bus type   | 10-32 threaded stud   |
| <b>Mounting Method</b>                   | threaded bushing,<br>front panel snap-in  | threaded bushing,<br>front panel snap-in  | front panel   | front panel   |
| <b>Approvals</b>                         | UL, CUL, CSA, TUV, CE,<br>UL 1500 / ISO 8846 for<br>ignition<br>protection / marine             | UL, CUL, CSA, TUV, CE, UL<br>1500 / ISO 8846 for ignition<br>protection / marine                | UL489, UL1077, UL1500   | CSA Approved, UL 1053, UL 1500  |

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