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How to Use This Catalog

The following icons are shown throughout this catalog to indicate features that are specific to a model:



- **24-hour circuits**
- Circuits 24 heures
- Circuitos de 24 horas
- Circuiti 24 h



- **Analog Ammeter**
- Ampèremètre analogique
- Amperímetro analógico
- Amperometro analogico



- **Analog Voltmeter**
- Voltmètre analogique
- Voltímetro analógico
- Amperometro analogico



- **Analog DIN Voltmeter**
- Voltmètre DIN analogique
- Voltímetro DIN analógico
- Voltmetro analogico DIN



- **Digital Multimeter**
- Multimètre numérique
- Multímetro digital
- Multimetro digitale

Regulatory icons are shown under the Regulatory heading:



- **IP66—withstands water from heavy seas**
- IP66—résiste à l'eau par grosse mer
- IP66—es resistente al agua de la mar gruesa
- IP66—resistente all'acqua del mare



- **IP67—temporary immersion for 30 minutes**
- IP67—Immersion temporaire pendant 30 minutes
- IP67—inmersión temporal de 30 minutos
- IP67—resistente ad immersioni temporanee per 30 minuti



- **Meets ignition protection requirements**
- Répond aux exigences de protection contre l'inflammation
- Cumple con los requisitos de protección del encendido
- Conforme ai requisiti di protezione contro l'incendio



- **CE marked**
- Marqué CE
- Marcado CE
- Marchi CE



- **Tin-plated copper** (250% more conductive than brass)
- Cuivre étamé (250% plus conducteur que le laiton)
- Cobre hojalatado (250% más conductivo que el latón)
- Rame stagnato (250% più conduttivo dell'ottone)

The camera icon is shown in the tables to indicate the products that are pictured:



- **Pictured products**
- Produits illustrés
- Imágenes de los productos
- Prodotti raffigurati

New and updated products are indicated by the following:

NEW

- **New products**
- Nouveaux produits
- Productos nuevos
- Nuovi prodotti

UPDATED

- **Updated products**
- Produits mis à jour
- Productos actualizados
- Prodotti aggiornati

The following Rating Symbols are shown throughout this catalog:

I_c

- **Amperage Continuous Rating**
- Ampérage continu
- Amperaje continuo
- Amperaggio continuo

I₁₀

- **Amperage Cranking Rating (10 Seconds)**
- Ampérage au lancement (10 secondes)
- Amperaje de potencia de rotación (10 segundos)
- Amperaggio alla rotazione del motorino di avviamento (10 secondi)

I₃

- **Amperage Intermittent Rating (3 Seconds)**
- Ampérage intermittent (3 secondes)
- Amperaje de potencia intermitente (3 segundos)
- Amperaggio intermittente (3 secondi)

I₃₀₀

- **Amperage Intermittent Rating (5 Minutes)**
- Ampérage intermittent (5 min.)
- Amperaje de potencia intermitente (5 min.)
- Amperaggio intermittente (5 min)

I_{ic}

- **Amperage Interrupting Capacity**
- Ampérage pouvoir de coupure
- Amperaje potencia de interrupción
- Amperaggio capacità di apertura

I_{mxo}

- **Amperage Maximum Operating**
- Ampérage maximum de fonctionnement
- Amperaje máximo de funcionamiento
- Amperaggio al funzionamento a pieno carico

I_{oc}

- **Amperage Operating Current**
- Courant de fonctionnement en ampères
- Corriente operativa de amperaje
- Amperaggio corrente operativ

I_{tr}

- **Amperage Trip Reference**
- Référence de déclenchement en ampères
- Referencia de disparo de amperaje
- Riferimento di attivazione amperaggio

C_s

- **Switching Cycles**
- Périodicité de démarrage
- Ciclos de conmutación
- Cicli di commutazione

T_{mxo}

- **Temperature Maximum Operating**
- Température maximum de fonctionnement
- Temperatura máxima en funcionamiento
- Temperatura massima di esercizio

T_{mno}

- **Temperature Minimum Operating**
- Température minimum de fonctionnement
- Temperatura mínima en funcionamiento
- Temperatura minima di esercizio

V_{mxo}

- **Voltage Maximum Operating**
- Tension maximum de fonctionnement
- Voltaje máximo en funcionamiento
- Tensione massima di esercizio

V_{mno}

- **Voltage Minimum Operating**
- Tension minimum de fonctionnement
- Voltaje mínimo en funcionamiento
- Tensione minima di esercizio

• 24-hour circuits are "ON" all of the time

Circuits 24 heures allumés en permanence
Los circuitos de 24 horas están siempre "ENCENDIDOS"
I circuiti 24 h sono costantemente inseriti





• 24-hour circuits are connected directly to a battery bank

Circuits 24 heures branchés directement à un groupe de batteries
Los circuitos de 24 horas están directamente conectados a un conjunto de baterías
I circuiti 24 h sono direttamente collegati ad un gruppo di batterie

• 24-hour circuits are centrally located and labeled

Circuits 24 heures en position centrale et étiquetés
Los circuitos de 24 horas se encuentran en una zona céntrica y están etiquetados
I circuiti 24 h sono alloggiati centralmente ed etichettati

New Products

<p>Battery Management Panels Simultaneously switches two isolated battery banks</p> <p>360 PANEL SYSTEM—page 5, 7</p>	 <p>1141</p>	<p>Remote Control Panels Provides switching of up to three ML-Series Remote Battery Switches or ML-Series Automatic Charging Relays</p> <p>360 PANEL SYSTEM—page 8</p>	 <p>1147</p>
<p>Thermal Circuit Breaker Mounting Panels —185-Series —Medium Duty Push Button Reset-Only Provides a method of mounting medium to high-amperage thermal circuit breakers</p> <p>360 PANEL SYSTEM—page 9</p>	 <p>1477</p>	<p>Push Button Reset-Only Circuit Breaker and Rocker Switch Panels —with backlighting Provides circuit protection and switching in a compact and economical panel</p> <p>360 PANEL SYSTEM—pages 10–11</p>	 <p>1151</p>
<p>C-Series 240 Volt AC Circuit Breaker Panels Provides both source selection and circuit protection for boats with 240V AC systems</p> <p>360 PANEL SYSTEM—page 15</p>	 <p>1168</p>	<p>RCBO Mounting Panels Provides a method of mounting DIN Rail circuit breakers</p> <p>360 PANEL SYSTEM—page 15</p>	 <p>1174</p>
<p>e-Series and HD-Series Battery Switches —Selector (3 Position) Switches battery banks to all loads (No Combine Function)</p> <p>DC MAIN—page 27–28</p>	 <p>11001</p>	<p>ML-Series Heavy Duty Automatic Charging Relays (Magnetic Latching) —with manual control Automatically manages the charging of two large battery banks</p> <p>DC MAIN—page 36</p>	 <p>7623</p>
<p>ML-Series Remote Control Contura Switches Provides remote management of multiple battery bank switching and ACR control from a convenient location</p> <p>DC MAIN—page 37</p>	 <p>2145</p>	<p>Push Button Reset-Only Circuit Breakers—with screw terminals Provides economical circuit protection when switching is provided elsewhere</p> <p>DC MAIN—page 38</p>	 <p>2132</p>
<p>Medium Duty Push Button Reset-Only Circuit Breakers Provides medium duty circuit protection when switching is provided elsewhere</p> <p>DC MAIN—page 39</p>	 <p>2142</p>	<p>Terminal Fuse Block (MRBF) —double terminal Easily and economically satisfies the ABYC 7" circuit protection rule for circuit protection up to 300 Amps</p> <p>DC MAIN—page 44</p>	 <p>2151</p>
<p>ANL and Class T Fuse Blocks New, low cost design meets a wide range of fusing requirements for high-amperage loads</p> <p>DC MAIN—page 46, 47</p>	 <p>5503</p>	<p>WeatherDeck™ Waterproof Circuit Breaker Panels—8 position Provides push-to-reset circuit protection for open-cockpit and flybridge applications</p> <p>DC BRANCH—page 49</p>	 <p>4378</p>
<p>PowerBar Common BusBar Provides compact high-amperage busing with 3/8" terminal studs</p> <p>CONNECTORS—page 100</p>	 <p>2019</p>	<p>Seamless Copper Lugs, Splices, and Crimp Tool —Heavy Duty and Professional Duty Meets the demanding requirements of marine, industrial, and heavy-duty truck environments</p> <p>CONNECTORS—page 102</p>	 <p>2290</p>