

High Load Series

- Magnetic hydraulic trip free
- Stainless steel terminals
- Large frame provides stud terminations for 5-300 amp
- Toggle type breaker
- Offers high interrupt capacity suitable for main circuit protection
- Interrupting rating 65 volt DC, 150-300 amp, 5,000 amp



HIGHLOAD SERIES

Item Number	Amps	Pole	Price
7267	150	2	\$128.80
7269	200	2	\$128.80
7270	250	3	\$166.23

ELCI

- Leakage trip current 30 milli amp
- Flat rocker actuator
- Trips on short circuit, overload, or leakage to ground
- For installation in a power distribution panel
- ELCI main provides overcurrent and leakage protection per ABYC E-11, for whole boat shore power protection
- UL 1077, UL 943 Class A



3102100



3093



3104

Item Number	Frame Series	Poles	Amps	Price
3102100	A	2	30	\$159.42
3093	C	2	50	\$381.08
3104	C	3	50	\$453.18

Hydraulic Magnetic



HMCB

Item Number	Amps	Price
HMCB-40	40	\$130.00
HMCB-50	50	\$140.00
HMCB-60	60	\$145.00
HMCB-80	80	\$165.00
HMCB-100	100	\$220.00

Images are representative of products listed and may not be actual product.

Circuit Breakers

CARLING A SERIES

Flat Rocker

- Flat actuator resists accidental switching
- Voltage 32 volt DC / 250 volt AC
- Switching cycles 10,000 @ rated amp and volt
- Magnetic hydraulic trip free
- #10-32 stainless steel terminal screw
- CE Marked, TUV Certified, CSA Certified, UL 1077 Recognized
- Single pole 2.217"(56.31mm)H x .75"(19.05mm)W x 2.4"(60.96mm)D
- Double pole 2.31"(58.67mm)H x 1.5"(38.10mm)W x 2.4"(60.96mm)D



A21 SERIES



A22 SERIES

Item Number	Amps	Price
A21		
Single Pole, Black Rocker		
A21-5A	5	\$37.28
A21-10A	10	\$39.94
A21-15A	15	\$37.28
A21-20A	20	\$37.28
A21-25A	25	\$37.28
A21-30A	30	\$37.28
A21-50A	50	\$51.26
A22		
Double Pole, Single Rocker		
A22-5A	5	\$51.99
A22-10A	10	\$51.99
A22-15A	15	\$51.99
A22-20A	20	\$51.99
A22-25A	25	\$51.99
A22-30A	30	\$51.99
A22-40A	40	\$51.99
A22-50A	50	\$51.99

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Raised Rocker

- Colored actuator indicates OFF
- Voltage 32 volt DC / 250 volt AC
- Switching cycles 10,000 @ rated amp and volt
- Magnetic hydraulic trip free
- #10-32 stainless steel terminal screw
- CE Marked, TUV Certified, CSA Certified, UL 1077 Recognized
- Single pole 2.217"(56.31mm)H x .75"(19.05mm)W x 2.4"(60.96mm)D
- Double pole 2.31"(58.67mm)H x 1.5"(38.10mm)W x 2.4"(60.96mm)D



AD1 SERIES

Item Number	Amps	Price
AD1		
Single Pole, Red Rocker Indicator		
AD1B0344504G1C	5	\$45.20
AD1B0346104G1C	10	\$45.20
AD1B0346154G1C	15	\$45.20
AD1B0346204G1C	20	\$45.20
AD1B0346254G1C	25	\$45.20
Single Pole, White Rocker Indicator		
AD1B0344504B1C	5	\$45.20
AD1B0346104B1C	10	\$45.20
AD1B0346154B1C	15	\$45.20
AD1B0346204B1C	20	\$45.20
AD1B0346304B1C	30	\$45.20

Sealed Toggle

- Switch rated
- Magnetic hydraulic trip free
- Temperature stable
- Sealed actuator
- Volts: 80 volt DC/ 277 volt AC
- 50/60 Hz. @ DC
- CSA Certified, UL 1077 Recognized
- Mounting dimension ½"-32



AMI SERIES

Item Number	Amps	Price
AM1		
Single Pole, Weather Proof, Metal Toggle		
AM1-5	5	\$33.08
AM1-10	10	\$33.08
AM1-15	15	\$33.08
AM1-20	20	\$33.08
AM1-25	25	\$33.08
AM1-30	30	\$33.08
AM1-50	50	\$33.08

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Circuit Breakers

CARLING A SERIES

Toggle

- Voltage 65 volt DC / 250 volt AC
- Switching cycles 10,000 @ rated amp and volt
- Magnetic hydraulic trip free
- CE Marked, TUV Certified, CSA Certified, UL 1077 Recognized
- Single pole 2"(50.8mm)H x .75" (19.05mm)W x 2"(50.8mm)D
- Double pole 3"(76.2mm)H x 1.5" (38.10mm)W x 2"(50.8mm)D
- #10-32 stainless steel terminal screw



AA1 SERIES



AA2 SERIES



AA3 SERIES

Item Number	Amps	Price
AA1		
Single Pole, AC/DC, XX = * Red (RD), Black (BK) or White (WH)		
AA1-5-(XX) *	5	\$16.60
AA1-10-(XX) *	10	\$16.60
AA1-15-(XX) *	15	\$16.60
AA1-20-(XX) *	20	\$16.60
AA1-25-(XX)	25	\$16.60
AA1-30-(XX)	30	\$16.60
AA1-35-(XX)	35	\$16.60
AA1-40-(XX)	40	\$16.60
AA1-50-(XX)	50	\$16.60
AA2		
Double Pole, Double Toggle AC/DC, XX = Black (BK) or White (WH)		
AA2-5-(XX)	5	\$39.04
AA2-10-(XX)	10	\$39.04
AA2-15-(XX)	15	\$39.04
AA2-20-(XX)	20	\$39.04
AA2-25-(XX)	25	\$39.04
AA2-30-(XX)	30	\$39.04
AA2-35-(XX)	35	\$39.04
AA2-40-(XX)	40	\$39.04
AA2-50-(XX)	50	\$39.04
AB2		
Double pole, Single White Toggle		
AB2-30A-WH	30	\$39.04
AB2-50A-WH	50	\$39.04
BB3		
Triple Pole, Single White Toggle, Reverse polarity protection		
BB3-30-AVT	30 (2 pole current / 1 pole trip)	\$95.32
BB3-50-AVT	50 (2 pole current / 1 pole trip)	\$95.32

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A Series Accessories

- Toggle guard uses circuit breaker mounting holes
- Lockout slide allows only 1 double pole AC breaker to be activated at one time
- Fits all double pole A Series toggle
- Uses circuit breaker mounting hole



BOOTS



TOGGLE BOOT



GUARDS



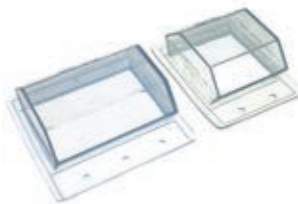
LOCKOUT

Item Number	Description	Price
Boots		
1113/40	Single pole weatherproof boot	\$15.80
1113/42	Double pole weatherproof boot	\$18.10
50154 25 17	Sealed toggle weatherproof boot - AM Series only	\$7.71
Guards		
4100	Toggle Guard, protects against accidental switching, includes mounting screws	\$3.96
Lockout		
4125	Breaker lockout slide	\$17.80

C Series Accessories

Lockout Slide

- Allows only 1 of a pair of double pole or triple pole AC circuit breakers to be activated at one time
- Guarantees that AC power from 2 sources will not be mixed
- Fits all double or triple pole C Series toggle
- Uses circuit breaker mounting hole



BOOTS



LOCKOUTS

Item Number	Description	Price
Boots		
HE-1020	Double pole weatherproof boot	\$25.36
HE-1050	Triple pole weatherproof boot	\$26.60
Lockouts		
4130	Double pole breaker lockout slide	\$34.57
4131	Triple pole breaker lockout slide	\$34.58

Circuit Breakers

CARLING C SERIES

Toggle

- Hydraulic magnetic
- STUD terminals
- Temperature stable
- Volts: 65 volt DC/ 240 volt AC
- 50/60 Hz. DC
- Interrupting ratings:
25 volt DC-5000 amp
250 volt AC-5 thru 50-3000 amp
250 volt AC-51 thru 100-1000 amp
- UL 1077 Recognized and CSA Certified



CA1 SERIES



CA2 SERIES



CA3 SERIES

Item Number	Amps	Price
CA1		
Single Pole, AC/DC, Black		
CA1-5	5	\$26.78
CA1-10	10	\$26.78
CA1-15	15	\$26.78
CA1-20	20	\$26.78
CA1-25	25	\$26.78
CA1-30	30	\$26.78
CA1-40	40	\$26.78
CA1-50	50	\$26.78
CA1-60	60	\$26.78
CA1-70	70	\$26.78
CA1-80	80	\$26.78
CA1-100	100	\$26.78
CA2		
Double Pole, AC/DC, LTD=Long Time Delay, Double Toggle		
CA2-10	10	\$62.37
CA2-15	15	\$62.37
CA2-20	20	\$62.37
CA2-25	25	\$62.37
CA2-30	30	\$62.37
CA2-35	35	\$62.37
CA2-40	40	\$62.37
CA2-50	50	\$62.37
CA2-50-LTD	50	\$62.37
CA2-60	60	\$96.52
CA2-65	65	\$96.52
CA2-70	70	\$62.37
CA2-80	80	\$62.37
CA2-90	90	\$62.37
CA2-100	100	\$62.37
CA3		
Triple Pole, AC/DC, Triple Toggle		
CA3-30	30	\$95.90
CA3-50	50	\$95.90
CA3-60	60	\$95.90

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Toggle

- 2 & 3 Pole volt: 277/480 AC
- 1 Pole volt: 125 DC, 277 AC
- Ideally suited for higher amperage applications
- Interrupting rating 5000 amp
- UL 1077 Recognized & CSA Accepted



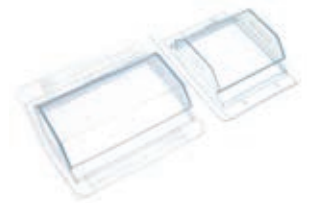
EA1 SERIES



EA2 SERIES



EA3 SERIES



BOOTS

Item Number	Amps	Price
EA1		
Single Pole, AC/DC		
EA1-10	10	\$37.69
EA1-15	15	\$37.69
EA1-20	20	\$37.69
EA1-30	30	\$37.69
EA2		
Double Pole, AC		
EA2-15	15	\$71.68
EA2-20	20	\$71.68
EA2-30	30	\$71.68
EA2-50	50	\$75.71
EA2-50-STUD	50	\$77.25
EA2-60	60	\$75.71
EA2-60-STUD	60	\$77.25
EA2-70	70	\$75.71
EA2-80-STUD	80	\$77.25
EA2-100	100	\$75.71
EA2-100-STUD	100	\$86.01
EA2 Long Delay		
EA2-100-LD-STUD	100	\$77.99
EA3		
Triple Pole, AC		
EA3-50	50	\$129.97
EA3-50-STUD	50	\$129.97
EA3-80	80	\$129.97
EA3-100	100	\$129.97
EA3-100-STUD	100	\$129.97
Weatherproof Boots		
1113/34	2	\$66.56
HE-1070	3	\$27.98

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Circuit Breakers

CARLING PUSHBUTTON

CLB Series

- Thermal circuit protector with a compact design
- Push to reset operation
- Screw terminals
- Ratings: 125-250 volt AC, 32 volt DC
- Interrupting rating: 2500 amp
- UL , CUL, CSA, TUV, and CE Approved
- Ignition protection: UL 1500/ISO 8846
- .25 terminal tab



CLB SERIES

Item Number	Amps	Price
CLB-5A	5	\$7.77
CLB-10A	10	\$7.77
CLB-15A	15	\$7.77
CLB-20A	20	\$7.77
CLB-30A	30	\$7.77
CLB-40A	40	\$7.77

CMB Series

- Thermal circuit protector with a compact design
- Push to reset operation
- .250 tab terminals
- Ratings: 125-250 volt AC, 32 volt DC
- Interrupting rating; 2500 amp
- UL, CUL, CSA, TUV, and CE approved
- Ignition protection: UL 1500/ISO 8846



CMB

Item Number	Amps	Price
CMB-3	3	\$3.30
CMB-5	5	\$3.30
CMB-10	10	\$3.30
CMB-15	15	\$3.30
CMB-20	20	\$3.30

CLB/CMB Boots

- Incorporated into waterproof panels
- Protects in wet environments
- 2 per package
- Replaces dress nut mounting on circuit breakers



4135



4136



4137

Item Number	Description	Price
Two per package		
4135	Pushbutton weatherproof boot: Clear	\$4.64
4136	Pushbutton weatherproof boot: White	\$4.64
4137	Pushbutton weatherproof boot: Black	\$4.64

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Bus Bars

- Use for A & C Series Carling breakers



00360-101



00360-103



00360-10

Item Number	Description	Price
Single Pole		
00360-101	Tin plated 15 positions	\$29.20
Double Pole		
00360-103	Power connector 2 positions	\$19.50
00360-102	Epoxy coated 8 positions	\$86.00

Surface Mount

- Plated steel construction
- Thermal style
- Multiple mounting options
- Two stud terminal with nuts



300 SERIES

Item Number	Amps	Price
12V DC		
30055-10	10	\$10.37
30055-15	15	\$10.37
30055-20	20	\$8.87
30055-30	30	\$9.16
30055-40	40	\$9.16
30055-50	50	\$11.18
24V DC		
30172-10	10	\$9.91
30172-15	15	\$10.30
30172-20	20	\$10.63
30172-30	30	\$10.63

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Circuit Breakers

KLIXON

6766 Series

- Manual reset
- Weatherproof SAE J1625 and ideally suited for rugged applications
- Interrupt current rating: per SAE J1625 and ABYC E-11
- 30 volt DC
- Ignition protection: SEA J1171



6766 SERIES

Item Number	Description	Price
6766-19-80	80	\$258.85
6766-19-105	105	\$258.85
6766-19-135	135	\$258.85

CDM Series

- 30 volt DC or 120 volt AC
- Designed to protect wiring and meet the harshest environmental requirements
- Interrupt current capacity ABYC E-11
- Weatherproof SAE J553
- Ignition protected SAE J1171
- UL Recognized E36869



CDM SERIES

Item Number	Description	Price
CDM10	10	\$22.80
CDM15	15	\$22.80
CDM20	20	\$22.80
CDM30	30	\$22.80
CDM40	40	\$22.80
7851-18-50	50	\$31.25
7851-18-60	60	\$43.24

SDLM Series

- 30 volt DC
- Ignition protected SAE J1171
- Weatherproof SAE J553
- UL Recognized E36869
- Interrupt capacity ABYC E-11
- Thermal breaker designed to protect wiring and meet the harshest environmental requirements
- SAEJ1625



SDLM SERIES

Item Number	Amps	Price
SDLM50	50	\$57.79
SDLM60	60	\$57.79
SDLM80	80	\$57.79
SDLM90	90	\$57.79
SDLM105	105	\$57.79
SDLM120	120	\$57.79
SDLM150	150	\$57.79

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W-31 Series

- Single pole
- Trip free operation
- May be used as a ON/OFF Switch
- Screw terminals
- Calibration, continuously 100% trips between 101% and 134%, MUST trip at 135% in an hour
- Interrupting rating 4X max .5-50 amp: 1000 amp @ 240 volt DC
- 30-50 amp: 1000 amp @ 50 volt DC
- Interrupting w/o 4X Max: .5-50 amp: .5-25 amp: 2000 amp @ 50 volt DC
- 10-20 amp: 2000 amp @ 120 volt AC
- UL 1077 and CSA Recognized



W-31 SERIES

Item Number	Amps	Price
W31X2M1G-5	5	\$47.89
W31X2M1G-7.5	7.5	\$44.38
W31X2M1G-10	10	\$47.89
W31X2M1G-15	15	\$44.38
W31X2M1G-20	20	\$44.38
W31X2M1G-30	30	\$44.38
W31X2M1G-40	40	\$44.38
W31X2M1G-50	50	\$61.02

W-23 Series

- Thermal breaker
- Trip free operation
- Visible trip indicator
- Black push-pull with white trip band
- Calibration: continuously 100% trips between 101% and 134%, MUST trip at 135% in an hour
- Interrupting rating 4X max: .50-50 amp: 1000 amp @ 240 volt DC
- 30-50 amp: 1000 amp @ 50 volt DC
- Interrupting w/o 4X max: .5-25 amp: 2000 amp @ 50 volt DC
- 10-20 amp: 2000 amp at 120 volt AC
- UL 1077 and CSA Recognized



W-23 SERIES

Item Number	Amps	Price
W23X1A1G-5	5	\$32.33
W23X1A1G-10	10	\$32.33
W23X1A1G-15	15	\$32.33
W23X1A1G-20	20	\$32.33
W23X1A1G-30	30	\$32.33

Circuit Breakers

POTTER & BRUMFIELD + SQUARE D

W-58 Series

- Cannot be manually tripped
- Thermal breaker
- Button extends for visual trip indication
- .250" QC termination
- Push to reset breaker
- Max operating: 50 volt DC, 250 volt AC
- Interrupting rating 2000 amp @ 50 volt DC, 1000 amp @ 250 volt AC
- 1,000 amp at 250 volt AC
- UL 1077 and CSA Recognized



W-58 SERIES

Item Number	Amps	Price
W58XB1A4A-5	5	\$15.93
W58XB1A4A-10	10	\$15.93
W58XB1A4A-15	15	\$15.93
W58XB1A4A-20	20	\$15.93
W58XB1A4A-30	30	\$15.93
Boot		
NC3030.7/16-28	Clear Boot	\$5.58

QOU Series

- 48 volt DC/ 240 volt AC
- Thermal magnetic
- Automatic and manual
- Open circuits
- Visi-trip indicator
- Lugs on both end for ease of install
- Surface, flush, or DIN Mounting
- Typical dock power pedestal circuit breaker
- UL and CSA Recognized



QOU SERIES

Item Number	Amps	Price
Double Pole		
QOU250	50	\$49.00
QOU260	60	\$49.00
QOU2100	100	\$261.46

QBL Series

- UL Listed
- Thermal magnetic
- Trip free mechanism
- Push to trip feature
- 240 volt AC



QBL SERIES

Item Number	Amps	Price
Double Pole		
QBL22100	100	\$593.60
QBL22150	150	\$593.60

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VIGI Modules

- Combined with C60, the VIGI module forms a residual current device which conforms to IEC 61009 & EN61009
- Combines with C120 to provide high level of protection against leakage faults
- Combines current sensing toroidal and residual current relay in one case and operates without an auxiliary power supply
- Protection against indirect contact (per IEC standards)
- Rating 220-415 volt AC 125 amp
- IEC 1009 Standards



VIGI



DIN RAIL SPACER



LOCKOUT

Item Number	Poles	Series	Amps	Price
M9V11363	3	C60	30	\$346.77
M9V11263	2	C60	30	\$317.96
A9N18591	2	C120	30	\$1,308.40
A9N18594	3	C120	30	\$1,242.00

Item Number	Description	Price
MG27062	DIN rail spacer	\$4.79
MG26970	Lockouts (pkg 2): clips onto the face of the C60 device, allows to be locked in either the ON or the OFF positions. IEC recognized only	\$17.08

NSX Series

- High performance with a wide range of interchangeable trip units to protect most applications
- Equipped with MA or TM thermal magnetic trip units or Micrologic 2/5/6 electronic trip units to provide protection against short circuits and overloads
- Complies with many marine classifications including: Veritas, Lloyd's Register of Shipping, Det Norske Veritas



NSX SERIES

Item Number	Pole	Ratings	Series	Price
LV429003	3	36kA 380/415V	100	\$938.55
LV430403	3	36kA 380/415V	160	\$978.91
LV431390	3	25kA 380/415V	250	\$951.22
LV431403	3	36kA 380/415V	250	\$1,129.58

Circuit Breakers

MERLIN GERIN

NSX Series (Continued)

Trip Units

- Thermal magnetic or electronic
- Accurate measurement for complete protection
- Torque limiting screws
- Easy and sure changing of trip units
- “Ready” LED for a continuous self-test



THERMAL MAG TRIP UNIT



SHUNT TRIP



UVR



MOTOR MODULE

Item Number	Pole	Amps	Series	Price
Thermal-Mag Trip Unit				
LV429031	3P3T	80	100	\$293.32
LV429030	3P3T	100	100	\$342.19
LV430431	3P3T	125	160	\$330.95
LV430430	3P3T	160	160	\$733.24
LV431431	3P3T	200	250	\$539.02
LV431430	3P3T	250	250	\$592.55
Micro Logic Trip Unit				
LV432081	3P3T	2.3, 400 LSI	400	\$1,396.12
Item Number	Ratings	Series	Price	
Shunt Trip				
LV429384	24VAC 50/60 Hz.	All	\$220.77	
LV429390	24VDC	All	\$220.77	
UVR				
LV429406	110-130V 50/60 Hz.	All	\$220.77	
LV429407	208-277V 60 Hz. 220-240V 50/60 Hz.	All	\$230.00	
LV429410	24VDC	All	\$221.09	
Motor Module				
LV429433	110-130V 50/60 Hz.	100/160	\$1,073.33	
LV429434	208-277V 60 Hz. 220-240V 50/60 Hz.	100/160	\$1,118.03	
LV431540	110-130V 50/60 Hz.	250	\$1,870.65	
LV431541	208-277V 60 Hz. 220-240V 50/60 Hz.	250	\$1,870.65	
LV431542	380-415V 50/60 Hz. 440-480V 60 Hz.	250	\$1,485.10	
LV432640	110-130V 50/60 Hz.	400/630	\$2,082.79	
LV432641	208-277V 60 Hz. 220-240V 50/60 Hz.	400/630	\$2,169.56	

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C60 Series

- Fast closing
- C curve, operates between 5 and 10 times the amp rating
- D curve, operates between 10 and 14 times amp rating
- Positive indication of contact disconnect
- Suitable for reverse feeding
- Can be used to provide supplementary protection in OEM equipment
- 10kA at 415 volt AC
- IEC 60947-2, VDE 0660, and CE Marked



SINGLE POLE



DOUBLE POLE



TRIPLE POLE

Item Number	Amps	Price
C curve unless otherwise noted		
Single Pole		
M9F11101	1	\$65.44
M9F11102	2	\$65.44
M9F11103	3	\$65.44
M9F11104	4	\$65.44
M9F11106	6	\$65.44
M9F11110	10	\$65.44
M9F11116	16	\$65.44
M9F11120	20	\$65.44
M9F11125	25	\$65.44
M9F11132	32	\$65.44
M9F11140	40	\$67.55
M9F11150	50	\$71.45
M9F11163	63	\$73.84
Double Pole		
C Curve unless otherwise noted		
M9F11203	3	\$133.21
M9F11204	4	\$133.21
M9F11206	6	\$133.21
M9F11210	10	\$133.21
M9F11216	16	\$133.21
M9F11220	20	\$133.21
M9F11225	25	\$133.21
M9F11232	32	\$133.21
M9F11240	40	\$137.06
M9F11250	50	\$146.10
MG24529	50 (D curve)	\$123.48
M9F11263	63	\$154.44

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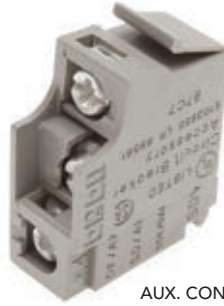
Circuit Breakers

MERLIN GERIN

C60 Series (Continued)



UVR



AUX. CONTACTS



SHUNT TRIP

Item Number	Amps	Price
Triple Pole		
M9F11302	2	\$193.07
M9F11303	3	\$193.07
M9F11306	6	\$193.07
M9F11310	10	\$193.07
M9F11316	16	\$193.07
M9F11320	20	\$193.07
M9F11325	25	\$193.07
M9F11332	32	\$193.07
M9F11340	40	\$205.96
M9F11350	50	\$216.25
M9F11363	63	\$216.25
Item Number	Ratings	Price
Auxiliary Contacts		
MG29450	12-277VAC/ 12-125VDC	\$81.26
MG26924	12-415VAC/ 12-130VDC (for use with C60/C120)	\$110.36
Shunt Trip w/ Aux		
MG27109	110-240-277VAC/ 125VDC	\$151.68
MG27118	24VAC/ 24VDC	\$80.79

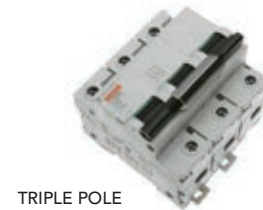
List pricing in catalog is subject to change without notice.

C120 Series

- Fast closing
- Trip free mechanism
- Isolation with positive break indication
- C curve: overcurrent protection for all application types; magnetic release operates between 5 and 10 times ampere rating

- D curve: overcurrent protection for loads with high inrush currents (motors, transformers); magnetic release operates between 10 and 14 ampere rating
- Suitable for reverse feeding

- Maximum voltage 440 volt AC
- C120 use the same electrical auxiliaries as the C60, but do not accept the NC100H accessories
- IEC Rated 947-2, VDE 0660, CE Marked



Item Number	Amps	Price
Single Pole		
A9N18446	80	\$76.65
A9N18447	100	\$76.84
A9N18448	125	\$76.65
Double Pole		
C Curve unless otherwise noted		
A9N18456	63	\$146.74
A9N18457	80	\$160.88
A9N18458	100	\$160.88
A9N18459	125	\$208.50
A9N18502	100 (D Curve)	\$160.55
Triple Pole		
C Curve unless otherwise noted		
A9N18468	80	\$239.84
A9N18469	100	\$239.84
A9N18513	100 (D Curve)	\$239.87
A9N18470	125	\$310.25
A9N18514	125 (D Curve)	\$310.25

DPN Breakers

- C curve trip design
- Magnetic trip operates between 5 and 10 times amp rating
- Provides protection on the phase pole, but switches both the phase and neutral
- IEC 60947-2 & IEC 60898 Rated



Item Number	Amps	Price
Single phase plus neutral, 60/50 Hz., 230V AC		
M9P22606	6	\$95.96
M9P22610	10	\$95.96
M9P22616	16	\$95.96
M9P22620	20	\$95.96

Images are representative of products listed and may not be actual product.

Circuit Breakers

MERLIN GERIN

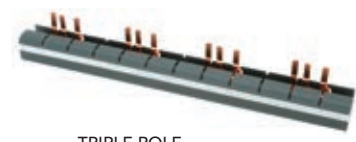
MG Bus Bars



SINGLE POLE



DOUBLE POLE

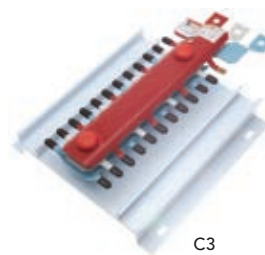


TRIPLE POLE

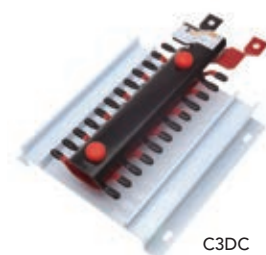
Item Number	Position	Pole	Price
A9XPH112	12	1	\$8.81
A9XPH157	54	1	\$197.66
A9XPH212	12	2	\$24.19
A9XPH224	(2) 24	2	\$34.73
A9XPH257	54	2	\$102.12
A9XPH312	12	3	\$42.69
A9XPH357	54	3	\$126.88

C3 & C3DC Bus Bar Chassis

- C3 style suitable for C60/C120/DPN/ & VIGI RCBO's
- C3DC style suitable for C60
- Industrially proven & robust range
- Tough oven bake insulation
- Easy identification with color coded bar work
- Cold formed single piece conductors ensuring no hot joints
- Current rating 250 amp
- Insulation voltage 690
- Bus bar thickness 2mm
- Conforms to standards AS3439-1 and AS3439-3
- IEC rated not UL Recognized



C3



C3DC

Item Number	Position	Pole	Price
C3			
C325123TF	12	3	\$168.24
C325243TF	24	3	\$228.44
C325363TF	36	3	\$284.00
C325483TF	48	3	\$480.03
C325603TF	60	3	\$569.55
C3DC			
C3DC123	12	2	\$253.13
C3DC363	36	2	\$449.16
C3DC483	48	2	\$653.93

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41 Series

- Thermal circuit breaker
- Trip free
- Push-pull
- Manual actuation
- Threaded neck for panel mounting
- 240 volt AC/50 volt DC



41 SERIES

Item Number	Amps	Price
412-K14-LN2-10	10	\$61.04
412-K14-LN2-15	15	\$58.14
412-K14-LN2-20	20	\$70.66
413-K14-LN2-30	30	\$68.50
413-K14-LN2-40	40	\$68.50
413-K14-LN2-50	50	\$68.50
413-K14-LN2-60	60	\$68.50
413-K14-LN2-70	70	\$68.50
X20080104	Clear Boots	\$8.94

2-5700 Series

- Trip free
- Threaded neck or flange for panel mounting
- Thermal circuit breaker
- 250 volt AC/28 volt DC



45 SERIES

Item Number	Amps	Price
2-5700-5	5	\$18.58
2-5700-10	10	\$18.10
2-5700-15	15	\$18.10
2-5700-20	20	\$18.10
2-5700-25	25	\$18.10
2-5700-30	30	\$18.10
X20129603	Clear Boots	\$7.86

Circuit Breakers

ETA + ABB

1658 Series

- Thermal circuit breaker
- Trip free
- Manual reset
- 240 volt AC/28 volt DC



1658 SERIES

Item Number	Amps	Price
1658-G21-5A	5	\$3.72
1658-G21-7A	7	\$3.72
1658-G21-10A	10	\$3.72
1658-G21-15A	15	\$3.72
1658-G21-20A	20	\$3.93
1658-G21-30A	30	\$4.23
X20128501	Clear Boots	\$2.76

S200 Series

- Offers a compact solution for protection
- Thermal magnetic
- Available with application specific trip characteristics
- DIN rail mounting
- Finger safe multi-function terminals
- Suitable for reverse feed
- Voltage rating 480Y/277 volt AC
- Interrupting rating 6kA: IEC 60898, UL 1077 & CSA 22.2 No. 235



SINGLE POLE



DOUBLE POLE



TRIPLE POLE

Item Number	Amps	Price
Single Pole		
S201-K3	3	\$67.26
S201-K6	6	\$67.26
S201-K10	10	\$57.24
S201-K16	16	\$57.24
S201-K20	20	\$57.24

List pricing in catalog is subject to change without notice.

S200 Series (Continued)

Item Number	Amps	Price
Single Pole		
S201-K25	25	\$57.24
S201-K32	32	\$67.84
S201-K40	40	\$80.14
S201-K50	50	\$91.27
S201-K63	63	\$111.30
Double Pole		
S202-K3	3	\$151.95
S202-K6	6	\$151.95
S202-K10	10	\$129.32
S202-K16	16	\$129.32
S202-K20	20	\$129.32
S202-K25	25	\$129.32
S202-K32	32	\$148.40
S202-K40	40	\$154.76
S202-K50	50	\$169.60
S202-K63	63	\$216.24
Triple Pole		
S203-K6	6	\$239.14
S203-K10	10	\$203.52
S203-K16	16	\$203.52
S203-K20	20	\$203.52
S203-K25	25	\$203.52
S203-K32	32	\$226.84
S203-K40	40	\$242.63
S203-K50	50	\$278.25
S203-K63	63	\$320.54
Item Number	Description	Price
Accessories		
12863	Four module plates, blanking	\$13.12
SZ-AST551	Connection Terminal 1/0 Straight	\$19.21
SZ-AST50I	Connection Terminal 1/0 90 Degree	\$18.55
SZ-ES68/83	Height Adjuster	\$4.11
SZ-ESK2	Busbar Terminal Block 14-2 AWG	\$10.60

Circuit Breakers

ABB + ABB BUS BARS

S290 Series

- Thermal magnetic
- DIN rail mounting
- Finger safe multi-function terminals
- Suitable for reverse feed
- Voltage rating 480Y/277 volt AC
- Interrupting rating 5kA (single pole) & 14kA (multi pole)
- UL 1077 Approved



SINGLE POLE



DOUBLE POLE



TRIPLE POLE

Item Number	Amps	Price
Single Pole		
S291-C80	80	\$185.58
S291-C100	100	\$222.69
Double Pole		
S292-C80	80	\$371.15
S292-C125	125	\$519.61
Triple Pole		
S293-C80	80	\$556.50
S293-C100	100	\$668.06
S293-C125	125	\$779.41

Bus Bars

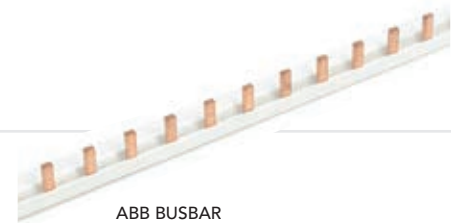


ABB BUSBAR

Item Number	Description	Price
80 Amps		
PS-END	2 Pole Endcap	\$3.71
PS-ENDSP	3 Pole Endcap	\$3.98
PS1/60/16	1 Pole 60 Position	\$67.58
PS2/58/16SP	2 Pole 58 Position	\$157.68
PS3/60/16SP	3 Pole 60 Position	\$238.50

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187 Series

- Manual reset breaker with On-Off switch capability
- Thermal magnetic
- 5/16-18 threaded studs
- Panel mount breaker
- Rating 25-200 amp, 48 volt DC
- Interrupt rating 5kA@ 12 volt DC
- ABYC E-11, CE Approved
- Ignition protected SAE J11711
- Panel mounted



187 SERIES

Item Number	Amps	Price
CB187P-25	25	\$47.80
CB187P-30	30	\$47.80
CB187P-40	40	\$47.80
CB187P-50	50	\$47.80
CB187P-60	60	\$47.80
CB187P-70	70	\$47.80
CB187P-80	80	\$47.80
CB187P-100	100	\$47.80
CB187P-150	150	\$47.80

Item Number	Amps	Price
CB187F-30	30	\$46.95
CB187F-40	40	\$46.95
CB187F-50	50	\$46.95
CB187F-60	60	\$46.95
CB187F-100	100	\$46.95
CB187F-150	150	\$46.95
CB187P-200	200	\$47.80

255 Series

- Type III ignition protected
- Weatherproof
- Panel-mount
- Manual reset with "push-to-trip" option
- SEMS nuts installed
- 32 volt DC



255 SERIES

Item Number	Amps	Price
CB255-10	10	\$31.88
CB255-20	20	\$31.88
CB255-30	30	\$31.88

Item Number	Amps	Price
CB255-40	40	\$31.88
CB255-50	50	\$31.88

185/285 Series

- Push to trip
- Surface mount or panel mount
- Visual indication of tripped condition
- Termination 1/4-28 threaded studs
- Ratings 25-150 amp, 48 volt DC
- Interrupt rating 30000 amp @ 30 volt DC
- SAE J1625, ABYC E-11, CE Approved
- Ignition protected SAE J1171



SURFACE MOUNT

Item Number	Amps	Price
Surface Mount		
CB285F-30	30	\$32.80
CB285F-40	40	\$32.80
CB285F-50	50	\$32.80
CB285F-60	60	\$32.80
CB285F-70	70	\$32.80
CB285F-80	80	\$32.80
CB285F-90	90	\$32.80
CB285F-100	100	\$32.80
CB285F-120	120	\$32.80
CB285F-150	150	\$32.80

Item Number	Amps	Price
Panel Mount		
CB185P-30	30	\$36.80
CB185P-40	40	\$36.80
CB185P-50	50	\$36.80
CB185P-60	60	\$36.80
CB185P-70	70	\$36.80
CB185P-80	80	\$36.80
CB185P-100	100	\$36.80
CB185P-150	150	\$36.80

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