



Model 6
Motor Control Center

Model 6 Structure Features

- Horizontal main bus uses captive splice bar assembly; allows splicing without removing units
- Horizontal bus is located at the top of the structure for easy installation, inspection and maintenance
Available ampacity 600 A, 800 A, 1200 A, 2000 A and 2500 A
- Sliding non-conductive bus barrier
- 300 A and 600 A vertical bus
- Vertical bus openings built on 3-inch centers
- Optional automatic vertical bus shutters are available
- Mounting channel includes leveling notches for ease of alignment
- Full depth vertical wireway available, either 4-inch or 9-inch width
- Vertical ground bus is standard

Model 6 Unit Features

- Cast metal handle, color coded for clear indication of disconnect position (including “Tripped”)
- Twin-handle cam (“Butterfly”) mechanism standard on all plug-on units (except Compac™ 6)
- Rugged unit construction features solid rear, side and hinged bottom plates
- Forward tilted pull-apart control terminal blocks standard with NEMA Type B or C wiring
- Starter units available with Class 8536 Type S NEMA or D-Line IEC
- Available overload relays on starter include: melting alloy, bimetallic, Motor Logic®, Motor Logic Plus™, and Motor Logic Plus II
- Control station plate for pilot devices is mounted on front of unit (no cables across door hinge)
- Easily accessible control transformer
- Starter mounted on right-hand side of unit, adjacent to wireway, for ease of cable termination

Available units include:

- Automation equipment
- Altivar® AC drives
- Altistart® soft starts
- TVSS units
- PowerLogic® circuit monitor and power meter
- Compac 6 starters and branch feeders
- Reduced voltage starters
- Distribution transformers and panelboards
- Empty mounting units
- Master terminal compartments
- Automatic transfer switches
- Full voltage non-reversing
- Full voltage reversing
- Circuit breaker branch feeders
- Fusible switch branch feeders
- Full voltage 2-speed
- Programmable logic controllers
- Incoming devices



Model 6

Transparent Ready™

Motor Control Centers with PowerLogic® circuit monitors and Web-enabled Ethernet communication devices are a part of Schneider Electric’s Transparent Ready power equipment family.

When specified as Transparent Ready, the power equipment is provided with a factory configured “plug and play” communications system that gives authorized users access to equipment status and monitoring information using only a standard Web browser. Ask your nearest Schneider Electric sales office for details about Transparent Ready power distribution equipment.



Merchandised Units

Model 6 Industrial Package units (white) are available for ordering by catalog number. A listing of types available by quick shipment may be found on the following pages. This limited offering includes popular combinations of types and options. Catalog numbers consist of class number (8998), disconnect and device types, horsepower or ampacity ratings and options (for example, 8998SBA001XFTMA). See table below.

All units are UL Listed.

Combination Starters Catalog Numbering System

Units rated as follows:

- Model 6 Industrial Package, 480 V, 60 Hz, NEMA 12 enclosure
- Type 1B wiring, 100,000 AIR rating, 1 N.O./1 N.C. auxiliary interlock on each contactor

Table 17.1: Numbering System

| First | Second | Third | Fourth | Fifth | Sixth | Seventh | Eighth |
|-------|--|---|------------------|--|---|---|---|
| 8998 | S | B | A | 005 | A | FT | MA |
| Class | Type | Disconnect | Device | Motor Hp | Pilot Device Function | Control Power | Overload Relay |
| 8998 | S- Standard Size H- High Density (Compac 6)▲ | B- Circuit Breaker (PowerPac® MCP) F- Fusible (Class R except Compac 6 Class J) | A-FVNR C-FVR■ | 001=1 hp 002=2 hp 003=3 hp 005=5 hp 007=7.5 hp 010=10 hp 015=15 hp■ 025=25 hp■ 040=40 hp■ 050=50 hp■ 060=60 hp■ 075=75 hp■ 100=100 hp■ | X=None A=Start-Stop PB, On/Off Lights◆ C=HOA Sel.Switch, On/Off Lights▲ | FT- 480-120 V CPT★ FS- 120 V Fused Separate Ctl w/intlk | MA-Melting Alloy (Thermal Units not included) SS-Motor Logic SSOL (Class 20 Base Unit) |

- ▲ Not available with FVR
- Not available with Compac 6
- ◆ Includes forward, reverse and stop push-buttons; and forward and reverse pilot lights with FVR starters
- ★ Includes extra 50 VA CPT on Sz 1 FVNR (T1)

For more information, contact your nearest Schneider Electric sales office.

Complete Model 6 Motor Control Centers are available from the factory.

Branch Feeder Units Catalog Numbering System

Units rated as follows:

- 480 V, 60 Hz, NEMA Type 12 Enclosure, Industrial Package
- Short Circuit rating: 100,000 AIR

Table 17.8: Circuit Breaker Branch Feeder Units

| First Position | Second Position | Third Position | Fourth Position | Fifth Position |
|----------------|----------------------------------|-----------------------------|-----------------|---|
| 8998 | S | B | F | 015 |
| Class | Type | Disconnect | Device | Feeder Amps |
| 8998 | S- Standard Size H- Compac™ 6 | B- Breaker (Thermal-Mag) | F- Feeder | 015 080 020 100 030 125 040 150 050 200 060 250 070 |
| Amps | Breaker Frame | Space (IN) | Catalog No. | \$ Price |
| 15 | HL | 6 | HBFO15 | 2300.00 |
| 20 | | | HBFO20 | |
| 30 | | | HBFO30 | |
| 40 | | | HBFO40 | |
| 50 | | | HBFO50 | |
| 60 | | | HBFO60 | |
| 70 | JL | 6 | HBFO70 | 2650.00 |
| 80 | | | HBFO80 | |
| 100 | | | HBFO100 | |
| 125 | | | HBFT25 | 4850.00 |
| 150 | | | HBFT150 | |
| 200 | 18 | 12 | HBFT200 | 4950.00 |
| 250 | | | HBFT250 | |
| 15 | HL | 12 | SBFO15 | 2200.00 |
| 20 | | | SBFO20 | |
| 30 | | | SBFO30 | |
| 40 | | | SBFO40 | |
| 50 | | | SBFO50 | |
| 60 | | | SBFO60 | |
| 70 | JL | 12 | SBFO70 | 2550.00 |
| 80 | | | SBFO80 | |
| 100 | | | SBFO100 | |
| 125 | | | SBFT25 | 4370.00 |
| 150 | | | SBFT150 | |
| 200 | 18 | 18 | SBFT200 | 4800.00 |
| 250 | | | SBFT250 | |

Table 17.9: Fusible Branch Feeder Units

| First Position | Second Position | Third Position | Fourth Position | Fifth Position |
|----------------|---------------------------------|-----------------|-----------------|----------------------------|
| 8998 | S | F | F | 015 |
| Class | Type | Disconnect | Device | Feeder Amps |
| 8998 | S- Standard Size H- Compac 6 | F- Fusible ▲ | F- Feeder | 030 060 100 200 ■ |
| Amps | Fuse Clips | Space (IN) | Catalog No. | \$ Price |
| 30 | Class J | 6 (Compac 6) | HFF030 | 1272.00 |
| 60 | | | HFF060 | |
| 100 | | | HFF100 | |
| 30 | Class R | 12 | SFF030 | 1160.00 |
| 60 | | | SFF060 | |
| 100 | | 24 | SFF100 | 1592.00 |
| 200 | | | SFF200 | |

- ▲ Class R except Compac 6, fuses not included.
- Not available with Compac 6.

Model 6 Blank Doors

These doors may be used to cover an unused space in the MCC. A blank door will be required when placing a new unit in an existing space that is larger than the new unit.

Table 17.10: Model 6 Blank Doors

| Catalog Number | Description | \$ Price |
|----------------|-------------------------------|----------|
| 8998CP03 | 3 Inch High Blank Cover Plate | 58.00 |
| 8998CP06 | 6 Inch High Blank Door | 58.00 |
| 8998CP09 | 9 Inch High Blank Door | 70.00 |
| 8998CP12 | 12 Inch High Blank Door | 82.00 |
| 8998CP15 | 15 Inch High Blank Door | 96.00 |
| 8998CP18 | 18 Inch High Blank Door | 112.00 |
| 8998CP24 | 24 Inch High Blank Door | 140.00 |