

**Model 6 Motor Control Centers**

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**Overview**

Designed and manufactured to tackle the toughest power and process control challenges, the Model 6 Motor Control Center features industry-finest innovations that provide unmatched performance, high reliability, and low maintenance. The Model 6 Motor Control Center has integrated industry-leading components into the smallest and most flexible footprint possible to meet your power, control, and automation needs. The Model 6 provides superior performance, as well as long, reliable operation with enhanced safety features.



Model 6 Unit



Model 6 Motor Control Center



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Model 6 Motor Control Center



Model 6

**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™, and TeSys T™
- 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
- Surge Protection Device (SPD) units
- PowerLogic™ circuit monitor and power meter
- Compac 6 starters and branch feeders
- Reduced voltage starters
- Distribution transformers and panelboards
- Empty mounting units
- Masterpact™ drawout main circuit breakers
- 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
- Tie breakers

New!

**Intelligent Motor Control Center—Model 6 iMCC**

Streamline troubleshooting and maximize uptime by incorporating “intelligent” components and cabling solutions into your motor control center.

Access the information you need in real time—anywhere, anytime. Designed to work on open network protocols, the Square D™ brand Model 6 iMCC allows you to monitor AC drive parameters, view full voltage starter status, spot abnormal conditions immediately and quickly diagnose equipment failures from any networked computer.

Communication protocols available: CANopen, DeviceNet™, Ethernet, Modbus™, and PROFIBUS. Connect to your network control system and communicate with every unit in the iMCC regardless of your communication protocol. Monitor each motor and load so you can know what’s going on at all times and take action before problems arise.

**Merchandised Units (shipment in 3 days)**

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, 8998SBA001XFMA). 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 (PowerPact™ 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.

**Combination Starters with Motor Circuit Protector Disconnects**

Model 6 NEMA-rated FVNR combination starters use PowerPact™ Motor Circuit Protectors.

Ratings: 480 V, NEMA 12, Type 1B-D wiring, 100,000 AIR. Units include 1 N.O./1 N.C. auxiliary contacts. Units with pilot devices use 22 mm type. Units without pilot devices include a station plate with knockouts for five 22 mm devices.

Thermal units are not included with melting alloy overloads.

**Table 17.2: FVNR Combination Starters with Motor Circuit Protector Disconnects**

Ratings			Control Transformer						Fused Separate Control					
			No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA Red On/Green Off Lights		No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA Red On/Green Off Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price
<b>Full Voltage Non-Reversing (FVNR) Starters With Motor Circuit Protector Disconnect and Melting Alloy Overload Relay</b>														
1	1	12	SBA001XFTMA	2988.00	SBA001AFTMA	3530.00	SBA001CFTMA	3530.00	SBA001XFSMA	2672.00	SBA001AFSMA	3214.00	SBA001CFSMA	3214.00
	2		SBA002XFTMA		SBA002AFTMA		SBA002CFTMA		SBA002XFSMA		SBA002AFSMA		SBA002CFSMA	
	3		SBA003XFTMA		SBA003AFTMA		SBA003CFTMA		SBA003XFSMA		SBA003AFSMA		SBA003CFSMA	
	5		SBA005XFTMA		SBA005AFTMA		SBA005CFTMA		SBA005XFSMA		SBA005AFSMA		SBA005CFSMA	
	7.5		SBA007XFTMA		SBA007AFTMA		SBA007CFTMA		SBA007XFSMA		SBA007AFSMA		SBA007CFSMA	
10	SBA010XFTMA	SBA010AFTMA	SBA010CFTMA	SBA010XFSMA	SBA010AFSMA	SBA010CFSMA								
2	15	12	SBA015XFTMA	3322.00	SBA015AFTMA	3864.00	SBA015CFTMA	3864.00	SBA015XFSMA	3006.00	SBA015AFSMA	3548.00	SBA015CFSMA	3548.00
	25		SBA025XFTMA		SBA025AFTMA		SBA025CFTMA		SBA025XFSMA		SBA025AFSMA		SBA025CFSMA	
3	40	18	SBA040XFTMA	4798.00	SBA040AFTMA	5340.00	SBA040CFTMA	5340.00	SBA040XFSMA	4362.00	SBA040AFSMA	4904.00	SBA040CFSMA	4904.00
	50		SBA050XFTMA		SBA050AFTMA		SBA050CFTMA		SBA050XFSMA		SBA050AFSMA		SBA050CFSMA	
4	60	21	SBA060XFTMA	6644.00	SBA060AFTMA	7186.00	SBA060CFTMA	7186.00	SBA060XFSMA	6086.00	SBA060AFSMA	6628.00	SBA060CFSMA	6628.00
	75		SBA075XFTMA		SBA075AFTMA		SBA075CFTMA		SBA075XFSMA		SBA075AFSMA		SBA075CFSMA	
	100		SBA100XFTMA		SBA100AFTMA		SBA100CFTMA		SBA100XFSMA		SBA100AFSMA		SBA100CFSMA	
<b>Full Voltage Non-Reversing (FVNR) Starters With Motor Circuit Protector Disconnect and Solid State Overload Relay (Motor Logic™)</b>														
1	1	12	SBA001XFTSS	3184.00	SBA001AFTSS	3726.00	SBA001CFTSS	3726.00	SBA001XFSSS	2868.00	SBA001AFSSS	3410.00	SBA001CFSSS	3410.00
	2		SBA002XFTSS		SBA002AFTSS		SBA002CFTSS		SBA002XFSSS		SBA002AFSSS		SBA002CFSSS	
	3		SBA003XFTSS		SBA003AFTSS		SBA003CFTSS		SBA003XFSSS		SBA003AFSSS		SBA003CFSSS	
	5		SBA005XFTSS		SBA005AFTSS		SBA005CFTSS		SBA005XFSSS		SBA005AFSSS		SBA005CFSSS	
	7.5		SBA007XFTSS		SBA007AFTSS		SBA007CFTSS		SBA007XFSSS		SBA007AFSSS		SBA007CFSSS	
10	SBA010XFTSS	SBA010AFTSS	SBA010CFTSS	SBA010XFSSS	SBA010AFSSS	SBA010CFSSS								
2	15	12	SBA015XFTSS	3518.00	SBA015AFTSS	4060.00	SBA015CFTSS	4060.00	SBA015XFSSS	3202.00	SBA015AFSSS	3744.00	SBA015CFSSS	3744.00
	25		SBA025XFTSS		SBA025AFTSS		SBA025CFTSS		SBA025XFSSS		SBA025AFSSS		SBA025CFSSS	
3	40	18	SBA040XFTSS	5074.00	SBA040AFTSS	5616.00	SBA040CFTSS	5616.00	SBA040XFSSS	4638.00	SBA040AFSSS	5180.00	SBA040CFSSS	5180.00
	50		SBA050XFTSS		SBA050AFTSS		SBA050CFTSS		SBA050XFSSS		SBA050AFSSS		SBA050CFSSS	
4	60	21	SBA060XFTSS	6920.00	SBA060AFTSS	7462.00	SBA060CFTSS	7462.00	SBA060XFSSS	6362.00	SBA060AFSSS	6904.00	SBA060CFSSS	6904.00
	75		SBA075XFTSS		SBA075AFTSS		SBA075CFTSS		SBA075XFSSS		SBA075AFSSS		SBA075CFSSS	
	100		SBA100XFTSS		SBA100AFTSS		SBA100CFTSS		SBA100XFSSS		SBA100AFSSS		SBA100CFSSS	

**Table 17.3: FVR Combination Starters with Motor Circuit Protector Disconnects**

Ratings			Control Transformer				Fused Separate Control			
			No Pilot Devices		Forward-Rev.-Stop PB, Forward/Reverse Lights		No Pilot Devices		Forward-Rev.-Stop PB, Forward/Reverse Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price
<b>Full Voltage Reversing (FVR) Starters With Motor Circuit Protector Disconnect and Melting Alloy Overload Relay</b>										
1	1	18	SBC001XFTMA	3884.00	SBC001AFTMA	4494.00	SBC001XFSMA	3568.00	SBC001AFSMA	4178.00
	2		SBC002XFTMA		SBC002AFTMA		SBC002XFSMA		SBC002AFSMA	
	3		SBC003XFTMA		SBC003AFTMA		SBC003XFSMA		SBC003AFSMA	
	5		SBC005XFTMA		SBC005AFTMA		SBC005XFSMA		SBC005AFSMA	
	7.5		SBC007XFTMA		SBC007AFTMA		SBC007XFSMA		SBC007AFSMA	
10	SBC010XFTMA	SBC010AFTMA	SBC010XFSMA	SBC010AFSMA						
2	15	18	SBC015XFTMA	4760.00	SBC015AFTMA	5370.00	SBC015XFSMA	4484.00	SBC015AFSMA	5054.00
	25		SBC025XFTMA		SBC025AFTMA		SBC025XFSMA		SBC025AFSMA	
3	40	27	SBC040XFTMA	6246.00	SBC040AFTMA	6856.00	SBC040XFSMA	5810.00	SBC040AFSMA	6420.00
	50		SBC050XFTMA		SBC050AFTMA		SBC050XFSMA		SBC050AFSMA	
4	60	33	SBC060XFTMA	9826.00	SBC060AFTMA	10436.00	SBC060XFSMA	9268.00	SBC060AFSMA	9878.00
	75		SBC075XFTMA		SBC075AFTMA		SBC075XFSMA		SBC075AFSMA	
	100		SBC100XFTMA		SBC100AFTMA		SBC100XFSMA		SBC100AFSMA	
<b>Full Voltage Reversing (FVR) Starters With Motor Circuit Protector Disconnect and Solid State Overload Relay (Motor Logic™)</b>										
1	1	18	SBC001XFTSS	4160.00	SBC001AFTSS	4690.00	SBC001XFSSS	3764.00	SBC001AFSSS	4374.00
	2		SBC002XFTSS		SBC002AFTSS		SBC002XFSSS		SBC002AFSSS	
	3		SBC003XFTSS		SBC003AFTSS		SBC003XFSSS		SBC003AFSSS	
	5		SBC005XFTSS		SBC005AFTSS		SBC005XFSSS		SBC005AFSSS	
	7.5		SBC007XFTSS		SBC007AFTSS		SBC007XFSSS		SBC007AFSSS	
10	SBC010XFTSS	SBC010AFTSS	SBC010XFSSS	SBC010AFSSS						
2	15	18	SBC015XFTSS	5116.00	SBC015AFTSS	5566.00	SBC015XFSSS	4640.00	SBC015AFSSS	5250.00
	25		SBC025XFTSS		SBC025AFTSS		SBC025XFSSS		SBC025AFSSS	
3	40	27	SBC040XFTSS	6682.00	SBC040AFTSS	7132.00	SBC040XFSSS	6086.00	SBC040AFSSS	6696.00
	50		SBC050XFTSS		SBC050AFTSS		SBC050XFSSS		SBC050AFSSS	
4	60	33	SBC060XFTSS	10102.00	SBC060AFTSS	10712.00	SBC060XFSSS	9544.00	SBC060AFSSS	10154.00
	75		SBC075XFTSS		SBC075AFTSS		SBC075XFSSS		SBC075AFSSS	
	100		SBC100XFTSS		SBC100AFTSS		SBC100XFSSS		SBC100AFSSS	

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### Combination Starters with Fusible Switch Disconnects

Model 6 NEMA-rated FVNR combination starters listed below use fusible switches with Class R fuse clips (fuses not included).

Ratings: 480 V, NEMA 12, Type 1B-D wiring, 100,000 AIR. Units include 1 N.O./1 N.C. auxiliary contacts. Units with pilot devices use 22 mm type. Units without pilot devices include a station plate with knockouts for five 22 mm devices.

Thermal units are not included with melting alloy overloads.

**Table 17.4: FVNR Combination Starters with Fusible Switch Disconnects**

Ratings			Control Transformer						Fused Separate Control					
			No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA Red On/Green Off Lights		No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA Red On/Green Off Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price
<b>Full Voltage Non-Reversing (FVNR) Starters With Fusible Switch Disconnect and Melting Alloy Overload Relay</b>														
1	1	12	SFA001XFTMA	2330.00	SFA001AFTMA	2872.00	SFA001CFTMA	2872.00	SFA001XFSTMA	2014.00	SFA001AFSTMA	2556.00	SFA001CFSTMA	2556.00
	2		SFA002XFTMA		SFA002AFTMA		SFA002CFTMA		SFA002XFSTMA		SFA002AFSTMA		SFA002CFSTMA	
	3		SFA003XFTMA		SFA003AFTMA		SFA003CFTMA		SFA003XFSTMA		SFA003AFSTMA		SFA003CFSTMA	
	5		SFA005XFTMA		SFA005AFTMA		SFA005CFTMA		SFA005XFSTMA		SFA005AFSTMA		SFA005CFSTMA	
	7.5		SFA007XFTMA		SFA007AFTMA		SFA007CFTMA		SFA007XFSTMA		SFA007AFSTMA		SFA007CFSTMA	
10	SFA010XFTMA	SFA010AFTMA	SFA010CFTMA	SFA010XFSTMA	SFA010AFSTMA	SFA010CFSTMA								
2	15	12	SFA015XFTMA	2750.00	SFA015AFTMA	3292.00	SFA015CFTMA	3292.00	SFA015XFSTMA	2434.00	SFA015AFSTMA	2976.00	SFA015CFSTMA	2976.00
	25		SFA025XFTMA		SFA025AFTMA		SFA025CFTMA		SFA025XFSTMA		SFA025AFSTMA		SFA025CFSTMA	
3	40	18	SFA040XFTMA	3960.00	SFA040AFTMA	4502.00	SFA040CFTMA	4502.00	SFA040XFSTMA	3524.00	SFA040AFSTMA	4066.00	SFA040CFSTMA	4066.00
	50		SFA050XFTMA		SFA050AFTMA		SFA050CFTMA		SFA050XFSTMA		SFA050AFSTMA		SFA050CFSTMA	
4	60	30	SFA060XFTMA	6344.00	SFA060AFTMA	6886.00	SFA060CFTMA	6886.00	SFA060XFSTMA	5786.00	SFA060AFSTMA	6328.00	SFA060CFSTMA	6328.00
	75		SFA075XFTMA		SFA075AFTMA		SFA075CFTMA		SFA075XFSTMA		SFA075AFSTMA		SFA075CFSTMA	
	100		SFA100XFTMA		SFA100AFTMA		SFA100CFTMA		SFA100XFSTMA		SFA100AFSTMA		SFA100CFSTMA	
<b>Full Voltage Non-Reversing (FVNR) Starters With Fusible Switch Disconnect and Solid State Overload Relay (Motor Logic™)</b>														
1	1	12	SFA001XFTSS	2526.00	SFA001AFTSS	3068.00	SFA001CFTSS	3068.00	SFA001XFSSS	2210.00	SFA001AFSSS	2752.00	SFA001CFSSS	2752.00
	2		SFA002XFTSS		SFA002AFTSS		SFA002CFTSS		SFA002XFSSS		SFA002AFSSS		SFA002CFSSS	
	3		SFA003XFTSS		SFA003AFTSS		SFA003CFTSS		SFA003XFSSS		SFA003AFSSS		SFA003CFSSS	
	5		SFA005XFTSS		SFA005AFTSS		SFA005CFTSS		SFA005XFSSS		SFA005AFSSS		SFA005CFSSS	
	7.5		SFA007XFTSS		SFA007AFTSS		SFA007CFTSS		SFA007XFSSS		SFA007AFSSS		SFA007CFSSS	
10	SFA010XFTSS	SFA010AFTSS	SFA010CFTSS	SFA010XFSSS	SFA010AFSSS	SFA010CFSSS								
2	15	12	SFA015XFTSS	2946.00	SFA015AFTSS	3488.00	SFA015CFTSS	3488.00	SFA015XFSSS	2630.00	SFA015AFSSS	3172.00	SFA015CFSSS	3172.00
	25		SFA025XFTSS		SFA025AFTSS		SFA025CFTSS		SFA025XFSSS		SFA025AFSSS		SFA025CFSSS	
3	40	18	SFA040XFTSS	4236.00	SFA040AFTSS	4778.00	SFA040CFTSS	4778.00	SFA040XFSSS	3800.00	SFA040AFSSS	4342.00	SFA040CFSSS	4342.00
	50		SFA050XFTSS		SFA050AFTSS		SFA050CFTSS		SFA050XFSSS		SFA050AFSSS		SFA050CFSSS	
4	60	30	SFA060XFTSS	6620.00	SFA060AFTSS	7162.00	SFA060CFTSS	7162.00	SFA060XFSSS	6062.00	SFA060AFSSS	6604.00	SFA060CFSSS	6604.00
	75		SFA075XFTSS		SFA075AFTSS		SFA075CFTSS		SFA075XFSSS		SFA075AFSSS		SFA075CFSSS	
	100		SFA100XFTSS		SFA100AFTSS		SFA100CFTSS		SFA100XFSSS		SFA100AFSSS		SFA100CFSSS	

**Table 17.5: FVR Combination Starters with Fusible Switch Disconnects**

Ratings			Control Transformer				Fused Separate Control			
			No Pilot Devices		Forward-Rev.-Stop PB, Forward/Reverse Lights		No Pilot Devices		Forward-Rev.-Stop PB, Forward/Reverse Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price
<b>Full Voltage Reversing (FVR) Starters With Fusible Switch Disconnect and Melting Alloy Overload Relay</b>										
1	1	18	SFC001XFTMA	3322.00	SFC001AFTMA	3932.00	SFC001XFSTMA	3006.00	SFC001AFSTMA	3616.00
	2		SFC002XFTMA		SFC002AFTMA		SFC002XFSTMA		SFC002AFSTMA	
	3		SFC003XFTMA		SFC003AFTMA		SFC003XFSTMA		SFC003AFSTMA	
	5		SFC005XFTMA		SFC005AFTMA		SFC005XFSTMA		SFC005AFSTMA	
	7.5		SFC007XFTMA		SFC007AFTMA		SFC007XFSTMA		SFC007AFSTMA	
10	SFC010XFTMA	SFC010AFTMA	SFC010XFSTMA	SFC010AFSTMA						
2	15	18	SFC015XFTMA	4460.00	SFC015AFTMA	5070.00	SFC015XFSTMA	4144.00	SFC015AFSTMA	4754.00
	25		SFC025XFTMA		SFC025AFTMA		SFC025XFSTMA		SFC025AFSTMA	
3	40	27	SFC040XFTMA	6328.00	SFC040AFTMA	6938.00	SFC040XFSTMA	5892.00	SFC040AFSTMA	6502.00
	50		SFC050XFTMA		SFC050AFTMA		SFC050XFSTMA		SFC050AFSTMA	
4	60	39	SFC060XFTMA	10358.00	SFC060AFTMA	10968.00	SFC060XFSTMA	9800.00	SFC060AFSTMA	10410.00
	75		SFC075XFTMA		SFC075AFTMA		SFC075XFSTMA		SFC075AFSTMA	
	100		SFC100XFTMA		SFC100AFTMA		SFC100XFSTMA		SFC100AFSTMA	
<b>Full Voltage Reversing (FVR) Starters with Fusible Switch Disconnect and Solid State Overload Relay (Motor Logic)</b>										
1	1	18	SFC001XFTSS	3518.00	SFC001AFTSS	4128.00	SFC001XFSSS	3202.00	SFC001AFSSS	3812.00
	2		SFC002XFTSS		SFC002AFTSS		SFC002XFSSS		SFC002AFSSS	
	3		SFC003XFTSS		SFC003AFTSS		SFC003XFSSS		SFC003AFSSS	
	5		SFC005XFTSS		SFC005AFTSS		SFC005XFSSS		SFC005AFSSS	
	7.5		SFC007XFTSS		SFC007AFTSS		SFC007XFSSS		SFC007AFSSS	
10	SFC010XFTSS	SFC010AFTSS	SFC010XFSSS	SFC010AFSSS						
2	15	18	SFC015XFTSS	4656.00	SFC015AFTSS	5266.00	SFC015XFSSS	4340.00	SFC015AFSSS	4950.00
	25		SFC025XFTSS		SFC025AFTSS		SFC025XFSSS		SFC025AFSSS	
3	40	27	SFC040XFTSS	6604.00	SFC040AFTSS	7214.00	SFC040XFSSS	6168.00	SFC040AFSSS	6778.00
	50		SFC050XFTSS		SFC050AFTSS		SFC050XFSSS		SFC050AFSSS	
4	60	39	SFC060XFTSS	10634.00	SFC060AFTSS	11244.00	SFC060XFSSS	10076.00	SFC060AFSSS	10686.00
	75		SFC075XFTSS		SFC075AFTSS		SFC075XFSSS		SFC075AFSSS	
	100		SFC100XFTSS		SFC100AFTSS		SFC100XFSSS		SFC100AFSSS	



**Compac™ 6 Combination Starters with Motor Circuit Protector Disconnects**

NEMA-rated Compac 6, half-height FVNR combination starters use GJ frame Mag-Gard™ Motor Circuit Protectors.

Ratings: 480 V, NEMA 12, Type 1B-D wiring, 100,000 AIR. Units include 1 N.O./1 N.C. auxiliary contacts. Units with pilot devices use 22 mm type. Units without pilot devices include a station plate with knockouts for four 22 mm devices. Thermal units are not included with melting alloy overloads.

**Table 17.6: Compac 6 Combination Starters with Motor Circuit Protector Disconnects**

Ratings			Control Transformer						Fused Separate Control					
			No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA, Red On/Green Off Lights		No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA, Red On/Green Off Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price
<b>Full Voltage Non-Reversing (FVNR) Starters With Motor Circuit Protector Disconnect and Melting Alloy Overload Relay</b>														
1	1	6	HBA001XFTMA	2860.00	HBA001AFTMA	3402.00	HBA001CFTMA	3402.00	HBA001XFSTMA	2544.00	HBA001AFSTMA	3086.00	HBA001CFSTMA	3086.00
	2		HBA002XFTMA		HBA002AFTMA		HBA002CFTMA		HBA002XFSTMA		HBA002AFSTMA		HBA002CFSTMA	
	3		HBA003XFTMA		HBA003AFTMA		HBA003CFTMA		HBA003XFSTMA		HBA003AFSTMA		HBA003CFSTMA	
	5		HBA005XFTMA		HBA005AFTMA		HBA005CFTMA		HBA005XFSTMA		HBA005AFSTMA		HBA005CFSTMA	
	7.5		HBA007XFTMA		HBA007AFTMA		HBA007CFTMA		HBA007XFSTMA		HBA007AFSTMA		HBA007CFSTMA	
10	HBA010XFTMA	HBA010AFTMA	HBA010CFTMA	HBA010XFSTMA	HBA010AFSTMA	HBA010CFSTMA								
<b>Full Voltage Non-Reversing (FVNR) Starters With Motor Circuit Protector Disconnect and Solid State Overload Relay (Motor Logic™)</b>														
1	1	6	HBA001XFTSS	3056.00	HBA001AFTSS	3598.00	HBA001CFTSS	3598.00	HBA001XFSSS	2740.00	HBA001AFSSS	3282.00	HBA001CFSSS	3282.00
	2		HBA002XFTSS		HBA002AFTSS		HBA002CFTSS		HBA002XFSSS		HBA002AFSSS		HBA002CFSSS	
	3		HBA003XFTSS		HBA003AFTSS		HBA003CFTSS		HBA003XFSSS		HBA003AFSSS		HBA003CFSSS	
	5		HBA005XFTSS		HBA005AFTSS		HBA005CFTSS		HBA005XFSSS		HBA005AFSSS		HBA005CFSSS	
	7.5		HBA007XFTSS		HBA007AFTSS		HBA007CFTSS		HBA007XFSSS		HBA007AFSSS		HBA007CFSSS	
10	HBA010XFTSS	HBA010AFTSS	HBA010CFTSS	HBA010XFSSS	HBA010AFSSS	HBA010CFSSS								

**Compac 6 Combination Starters with Fusible Switch Disconnects**

NEMA-rated Compac 6, half-height FVNR combination starters listed below use fusible switches with Class J fuse clips (fuses not included).

Ratings: 480 V, NEMA 12, Type 1B-D wiring, 100,000 AIR. Units include 1 N.O./1 N.C. auxiliary contacts.

Units with pilot devices use 22 mm type. Units without pilot devices include a station plate with knockouts for four 22 mm devices. Thermal units are not included with melting alloy overloads.

**Table 17.7: Compac 6 Combination Starters with Fusible Switch Disconnects**

Ratings			Control Transformer						Fused Separate Control					
			No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA, Red On/Green Off Lights		No Pilot Devices		Start-Stop PB, Red On/Green Off Lights		HOA, Red On/Green Off Lights	
NEMA Size	Max. Hp	Space (IN)	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price
<b>Full Voltage Non-Reversing (FVNR) Starters with Fusible Switch Disconnect and Melting Alloy Overload Relay</b>														
1	1	6	HFA001XFTMA	2492.00	HFA001AFTMA	3034.00	HFA001CFTMA	3034.00	HFA001XFSTMA	2176.00	HFA001AFSTMA	2718.00	HFA001CFSTMA	2718.00
	2		HFA002XFTMA		HFA002AFTMA		HFA002CFTMA		HFA002XFSTMA		HFA002AFSTMA		HFA002CFSTMA	
	3		HFA003XFTMA		HFA003AFTMA		HFA003CFTMA		HFA003XFSTMA		HFA003AFSTMA		HFA003CFSTMA	
	5		HFA005XFTMA		HFA005AFTMA		HFA005CFTMA		HFA005XFSTMA		HFA005AFSTMA		HFA005CFSTMA	
	7.5		HFA007XFTMA		HFA007AFTMA		HFA007CFTMA		HFA007XFSTMA		HFA007AFSTMA		HFA007CFSTMA	
10	HFA010XFTMA	HFA010AFTMA	HFA010CFTMA	HFA010XFSTMA	HFA010AFSTMA	HFA010CFSTMA								
<b>Full Voltage Non-Reversing (FVNR) Starters With Fusible Switch Disconnect and Solid State Overload Relay (Motor Logic™)</b>														
1	1	6	HFA001XFTSS	2688.00	HFA001AFTSS	3230.00	HFA001CFTSS	3230.00	HFA001XFSSS	2372.00	HFA001AFSSS	2914.00	HFA001CFSSS	2914.00
	2		HFA002XFTSS		HFA002AFTSS		HFA002CFTSS		HFA002XFSSS		HFA002AFSSS		HFA002CFSSS	
	3		HFA003XFTSS		HFA003AFTSS		HFA003CFTSS		HFA003XFSSS		HFA003AFSSS		HFA003CFSSS	
	5		HFA005XFTSS		HFA005AFTSS		HFA005CFTSS		HFA005XFSSS		HFA005AFSSS		HFA005CFSSS	
	7.5		HFA007XFTSS		HFA007AFTSS		HFA007CFTSS		HFA007XFSSS		HFA007AFSSS		HFA007CFSSS	
10	HFA010XFTSS	HFA010AFTSS	HFA010CFTSS	HFA010XFSSS	HFA010AFSSS	HFA010CFSSS								

**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			HBFO125		
150	JL	6	HBFO150	4850.00	
200			HBFO200		
250			HBFO250		
250			HBFO250		
250	JL	18	SBFO15	2200.00	
20			SBFO20		
30			SBFO30		
40			SBFO40		
50			SBFO50		
60			SBFO60		
70			SBFO70		2550.00
80			SBFO80		
100			SBFO100		
125			SBFO125		
150	JL	18	SBFO150	4370.00	
200			SBFO200		
250			SBFO250		
250			SBFO250		
250	JL	18	SBFO200	4800.00	
250			SBFO250		
250			SBFO250		
250			SBFO250		
250	JL	18	SBFO250	5510.00	
250			SBFO250		
250			SBFO250		
250			SBFO250		

**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			SFF100	
200			SFF200	
200	Class R	24	SFF200	1960.00
200			SFF200	
200			SFF200	
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