

Control Panel Options

Table 18. Control Panel Factory Options — Enclosed Products

Description	Factory Installed	Field Installed on Enclosure Door	
		NEMA Type 1, NEMA Type 1 w/Gaskets & Filter	NEMA Type 12
	Option Designator	Catalog Number	Catalog Number
SVMulti-line Control Panel — This option is standard on all drives and consists of a 4-line, 16 character/line, backlit alphanumeric LCD display with five indicators for the RUN status and two indicators for the control source. The eight pushbuttons on the panel are used for panel programming and monitoring of all CP9000 parameters. The panel is detachable and isolated from the input line potential.	M	SV9REMMLPNL	SV9REMMLPNL
SVGraphic Control Panel — Includes eight lines of text or a 64 x 128 pixel graphical display of key waveforms, or a combination of both text and graphs. It provides: <ul style="list-style-type: none"> ■ 3 monitored parameters at the same time in text or graphical trend display ■ one monitored parameter can be shown in increased text size with a graph bar ■ the selected parameter value is shown on a graph bar ■ the parameters of the drive can be uploaded to the panel and then downloaded to another drive 	G	SV9GRP NL	SV9GRP NL

Enclosed Options

Table 19. Available Options — Build Alphabetically and Numerically

Option	Description	Option Type
C	Input Disconnect (HMCP) 65 kAIC	Input
D	Output Contactor	Output
I3	Manual IOB Bypass Controller	Bypass
I4	Manual HOA Bypass Controller	Bypass
L7	MotoRx (300 – 600 Ft.) 1000 V/us DV/DT Filter	Output
L8	MotoRx (100 – 300 Ft.) 1500 V/us DV/DT Filter	Output
L9	EMI/RFI Filter	Input
L10	Output Filter	Output
M	3 – 15 psig Follower	Control
M5	4 Channel — 120V AC Control Interface	Control
M6	Isolated Process Follower	Control
M8	Door-Mounted Speed Potentiometer	Control
M9	Door-Mounted Speed Potentiometer with HOA	Control
M15	8 Channel — 120V AC Control Interface	Control
N1	Custom Plastic Nameplate	Enclosure
N2	Custom Metal Nameplate	Enclosure
R3	IOB Bypass Controller with RVS	Bypass
R4	HOA Bypass Controller with RVS	Bypass
T1	115 Volt Control Transformer — 105 VA	Control
T2	115 Volt Control Transformer — 300 VA	Control
T3	115 Volt Control Transformer — 550 VA	Control
V1	Floor Stand 22"	Enclosure
V2	Space Heater	Enclosure
V4	Floor Stand 12"	Enclosure
V5	10" Expansion	Enclosure
V6	20" Expansion	Enclosure
V7	26" Expansion	Enclosure
X5	Bypass Pilot Lights for I3, I4 Options	Addl. Bypass
X6	Dual Overloads for Bypass	Addl. Bypass
X7	Bypass Test Switch for I3, I4, R3, R4	Addl. Bypass
Y4	Single Overload Relay	Output
Y5	Dual Overload Relays	Output

Note: For complete descriptions, see Pages 15 – 16.

Table 20. Engineered Enclosed Options

Option	Description
A	Amp Meter (Digital) (Drive 4 – 20 mA)
CR	120V Control Relay
E	Elapse Time Meter
E2	ESTOP (22 mm)
E3	ESTOP (30 mm)
K2	Key Lockable Selector Switch 2-Position (22 mm)
K3	Key Lockable Selector Switch 3-Position (22 mm)
K4	Key Lockable Selector Switch 4-Position (22 mm)
MP	MP3000 Motor Protection, 5 Amp, URTD, IPONI, F.O. Link with CT and PT
P2	Pushbuttons — 22m
P3	Pushbuttons — 30m
PT	Push to Test Pilot Lights (30 mm)
Q	Frequency Meter
RT	Durant RTD Temperature Module with Alarm Trip Module and LED Readout
S2	2-Position Selector Switch (22 mm)
S3	3-Position Selector Switch (22 mm)
S4	4-Position Selector Switch (22 mm)
SP	10 Turn Speed Pot
T20	Customer Terminal Block 20 Terminals
TD	Timing Relay Type M Relay with Timing Attachment
V	Volt Meter (digital) (Drive 4 – 20 mA)
W	Witness Test/Day

Note: Engineered options include mounting and wiring.