



PLEXPOWER™ STAINLESS STEEL CONTACTORS AND MOTOR STARTERS

FEATURES

- No external conduit or cable seals required thus making installations faster, easier, and less costly.
- The PlexPower™ contactors and motor starters feature a ground-breaking design that uses individual breaker, contactor and motor starter housings to minimize the downtime and costs associated with maintenance in hazardous locations.
- PlexPower™ breakers, contactors and motor starters accommodate non-proprietary off-the-shelf breakers, contactors and motor starters, making replacements readily available from multiple sources.
- The lighter weight contactor and motor starter enclosure with quarter turn latches, can be quickly opened in the field for easier servicing.
- Gland plate at the bottom of enclosure can be easily field punched for cable or conduit entries. Additional gland plates available for sides and top can be ordered with the panelboard. See options.
- Standard configuration includes external actuation and a solid door.
- For multiple contactor or motor starter panels, each contactor or motor starter can be individually padlocked in either the “On” or “Off” position.
- Ground and/or neutral bars provided as standard.

- External/internal ground lug provided as standard.
- Drain/breather provided as standard.

STANDARD MATERIALS

- Enclosure: stainless steel
- Hardware: stainless steel
- Bus bar: hard drawn, tin plated, copper ①

OPTIONS

- For Class I, Division 2 Groups B, C, D only, add suffix —**D2**.
- Gland plate (bottom is standard),
 - Top side gland plate, add suffix —**GPT**.
 - Left side gland plate, add suffix —**GPL**.
 - Right side gland plate, add suffix —**GPR**.
 - No gland plate, add suffix —**GPN**.
- Thermostatically controlled heater, add suffix —**HTR**.
- Inverted feed, add suffix —**INV**. ②
- Lockable wing knobs, add suffix —**P**. ②
- Phenolic/ lamacoid nameplate (specify legend), add suffix —**NP**.
- Stainless steel legend plate (specify legend), add suffix —**SP**.
- Terminal blocks for contactor/motor starter wiring, add suffix —**TB**.
- Auxiliary Contacts (1NO and 1NC provided as standard)
 - One additional auxiliary contact (NO or NC) —**AUX1**
 - Two additional auxiliary contacts (NO or NC) —**AUX2**

- Three additional auxiliary contacts (NO or NC) —**AUX3**
- Four additional auxiliary contacts (NO or NC) —**AUX4**
- Additional auxiliary contacts may be available, please contact your sales representative for more information.

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- ANSI/UL Standards: UL 508, UL 50, UL 1203
- CSA Standards: C22.2 No. 0-10, C22.2 No. 14-10, C22.2 No. 25-1996, C22.2 No. 30-M1986 and C22.2 No. 94-M91
- cCSAus Certified: 039199
- Ex de IIB+H₂ T6 ①
- Class I, Zone 1, AEx de IIB+H₂ T6 ①
- Class I, Division 2, Groups B, C, D T6 ①
- Class II, Division 2, Groups F, G
- Class III
- Type 4X, IP66

① T4 when the HTR heater option is included.

② Only for multiple contactors and motor starter panels.

APPLETON™

For product information:
www.appletonelec.com
 1.800.621.1506


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PLEXPOWER™ STAINLESS STEEL CONTACTORS AND MOTOR STARTERS

STEPS TO CREATING CATALOG NUMBER:

Complete Catalog Number

RM
S
P1
4
1
|
M
4
125
1
|
4
A
C
S
MC
030
A
|
—
|
—

Step 1
Step 2
Step 3
Step 4
Step 5

Step 1: Choose enclosure size and operating voltage based on application.

Step 2: Define total quantity of contactors or starters. If a main breaker is desired, indicate amperage rating.

Step 3: Define the quantity, function, size and operators for each size of contactor and motor starter.

Step 4: Repeat this step for each contactor or starter configuration.

Step 5: Options: Add option in alphanumeric order as listed under Options.

CATALOG NUMBERING GUIDE:

RM	S	P1	4	1	M	4	125	1	4	A	C	S	MC	030	A	#	#
Step 1					Step 2				Step 3						Step 4	Step 5	
NEC/CEC Certified RM - PlexPower Motor Starter																	
Panel Material: S - Stainless Steel	Operating Voltage: 1-120 Vac 2-240 Vac 4-480 Vac 6-600 Vac				Total Quantity of Contactors/ Starters: 1 ① 2 3 4			Quantity of Contactors/ Starters: 1 2 3 4	Contactor/ Starter Function: A - Full Voltage Non-Reversing Motor Starter J - Contactor (3 pole)	Contactor/ Starter Manufacturer: S - Siemens D - Schneider	Branch Isolation/ Protection MC - Branch Breaker LL - No Breaker ② PC - MCP Branch Breaker				Operators: N - None ③ A - HOA SS, Start PB, Stop PB, Running Pilot Light, Stopped Pilot Light, Reset PB B - HOA SS, Illuminated Start PB, Illuminated Stop PB, Reset PB C - HOA SS, Running Pilot Light D - Start PB, Stop PB, Reset PB Z - Custom	Additional Contactor/ Starters: Repeat Step 3	Suffix for other options Refer to Options section
Bus Rating: 0 - No Bus (Single Contactor or Starter Only) 1 - 150 Amp (Main Breaker) 2 - 180 Amp (Main Lugs)	Breaker trip (Thermal Mag) 000 - Main Lugs 015 - 15 Amp 020 - 20 Amp 025 - 25 Amp 030 - 30 Amp 035 - 35 Amp 040 - 40 Amp 050 - 50 Amp 060 - 60 Amp 070 - 70 Amp 080 - 80 Amp 090 - 90 Amp 100 - 100 Amp 110 - 110 Amp 125 - 125 Amp	Type ①: M - Breaker L - Lugs	Control Voltage: 1 - 120 Vac 2 - 240 Vac 5 - 24 Vdc ④ 9 - 208 Vac	Starter Size: A - NEMA 00 B - NEMA 0 C - NEMA 1	MCP or Breaker Trip: MCP 003 - 3 Amp 007 - 7 Amp 015 - 15 Amp 030 - 30 Amp	Branch Breaker Trip (Thermal Mag) 000 - No Breaker ③ 015 - 15 Amp 020 - 20 Amp 025 - 25 Amp 030 - 30 Amp Amp											

	Main Lugs		Main Breaker	
	Size	Dimensions	Size	Dimensions
Non combination contactor	M1	370x370x200	—	—
Non combination contactor with heater option	W1	450x370x200	—	—
Non combination starter	N1	560x350x200	—	—
Combination contactor	N1	560x350x200	—	—
Combination starter	T1	560x450x200	—	—
	R1	750x350x200	—	—
(2) Combination Contactors	I1	875x750x250	E1	1130x750x250
(2) Combination Starters	Q1	1130x1000x250	Q1	1130x1000x250
(3) Combination Contactors	E1	1130x750x250	G1	1500x750x250
(3) Combination Starters	Q1	1130x1000x250	P1	1500x1000x250
(4) Combination Contactors	G1	1500x750x250	G1	1500x750x250
(4) Combination Starters	P1	1500x1000x250	P1	1500x1000x250

- ① Always use Main Lugs when total quantity is 1.
- ② Only available when total quantity of contactors and starters equals 1.
- ③ For motor starter, reset push button for overload is provided.
- ④ 24 Vdc control voltage is customer supplied.

United States: 1.800.621.1506 | Asia/Pacific: + 65.6556.1100 | Australia: + 61.3.9721.0348
 Canada: + 1.888.765.2226 | China: + 86.21.3338.7000 | Europe: + 33.3.22.54.13.90
 Mexico/Latin America: + 52.55.5809.5049 | Middle East/Africa/India: + 971.4.811.8100
www.appletonelec.com

