



PLEXPOWER™ FACTORY SEALED POWER PANELBOARD

FEATURES

- The PlexPower features a ground-breaking design that uses individual breaker housings to minimize the downtime and costs associated with servicing circuit breakers in hazardous locations.
- PlexPower breakers accommodate off-the-shelf breakers, making replacements readily available.
- 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 must be ordered with the panelboard. *See options.*
- Flexibility through horizontal and vertical coupling options.
- Standard models offer 3 circuit to 42 circuit panelboard configurations.
- Models are available standard with or without main breaker, depending on the configuration.
- Standard configuration includes internal actuators and a solid door; factory installed options include window door or external actuators.
- Supplied with dead front for internal actuation.
- Branch circuit breakers available in 1-, 2- and 3-pole. Current ratings on branch breakers:
 - 1-pole: 277, 347 Volts, 60 Amps maximum.
 - 2- and 3-pole: 480, 600 Volts, 150 Amps maximum.
- Main circuit breakers up to 150 Amps, 2- or 3-pole.
- Breakers 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.
- 277/480, 480, 347/600, 600 Volt breaker module terminal wire range #14-4/0.
- Standard model utilizes Cutler-Hammer⁺ F-Frame Series circuit breakers rated -20 °C to +40 °C (-4 °F to +104 °F).

① Certification only applies without drain/breather.

② IP66, Type 4X Certification only applies with drain/breather.

③ Maximum amperage for branch terminal blocks is 45 amps.

+ Cutler-Hammer is a registered trademark of Eaton Corporation.

STANDARD MATERIALS

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

OPTIONS

- Must be listed in alphanumeric sequence at the end of the catalog number.
- Drain/breather, add suffix —**DV**. ①
- External actuation, add suffix —**EXT**.
- Grounded neutral, add suffix —**GN**.
- Gland plate, specify suffix **GPL** = left side, **GPR** = right side, **GPT** = top side, **NGP** = no gland plate).
- Heater for condensation,
 - For Class I, Division 2 Groups B, C, D only, add suffix —**HTR**.
 - For Class I, Zone 1 certification, add suffix —**HTRF**.
- Heater for panels certified to -40°C (-40°F) ambient temperature,
 - For Class I, Division 2 Groups B, C, D only, add suffix —**HTR40**.
 - For Class I, Zone 1 certification, add suffix —**HTRF40**.
- LED indicator lights, add suffix —**IL**.
- Inverted feed, add suffix —**INV**.
- Phenolic/ lamacoid nameplate (specify legend), add suffix —**NP**.
- Door padlocking provision, add suffix —**P**.
- Stainless steel legend plate (specify legend), add suffix —**SP**.
- Terminal blocks instead of direct wiring, add suffix —**TB**.
- Window with internal actuation only, add suffix —**W**.

NEC/CEC CERTIFICATIONS AND COMPLIANCES

- UL Standards: ANSI/UL 67, ANSI/ISA 12.12.01, ANSI/UL 1203, ANSI/UL 60079-0, ANSI/UL 60079-1, ANSI/UL 60079-7
- CSA Standards: C22.2 No. 29, C22.2 No. 0, C22.2 No. 213, CAN E60079-0, CAN E60079-7, CAN E60079-1
- cCSAus Certified: 039199
- Class I, Zone 1, AEx de IIB+H₂ T5
- Ex de IIB+H₂ T5
- Class I, Division 2, Groups B, C, D
- Class II, Division 1, Groups F, G ①
- Class III ①
- IP66, Type 4X ②

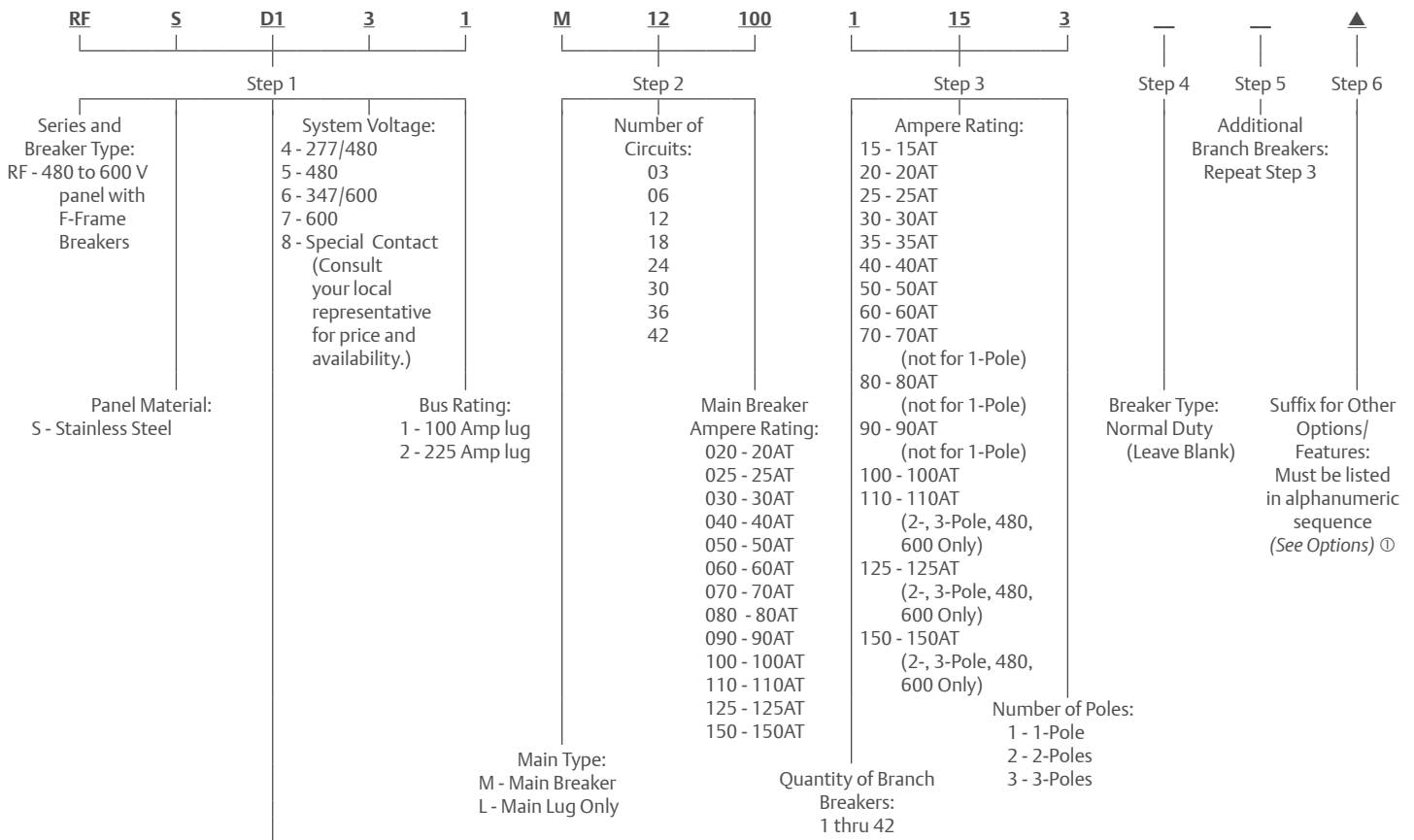
APPLETON™

For product information:
www.appletonelec.com
 1.800.621.1506


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PLEXPOWER™ FACTORY SEALED POWER PANELBOARD



① Panel Size: Select A1, C1, I1, E1, K1 or G1 stainless steel enclosure based on number of circuits

	A1 370x370x250	C1 560x560x250	I1 875x750x250	E1 1130x750x250	K1 1260x750x250	G1 1500x750x250
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Main Lugs Only

3	6	12, 18	24	30	36, 42
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With Main Breaker

—	—	6, 12	18	24	30, 36
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For -40°C RF Panel Sizes: Select C1, I1, E1, K1 or G1 stainless steel enclosure based on number of circuits

	C1 560x560x250	I1 875x750x250	E1 1130x750x250	K1 1260x750x250	G1 1500x750x250
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Main Lugs

Standard Top In - Bottom Out	3	6, 12	18	24	30
Inverted Bottom In - Bottom Out	3	6, 12	18	24	30

Main Breaker

Standard Top In - Bottom Out	—	6	12	18	24
Inverted Bottom In - Bottom Out	—	6	12	—	18, 30

① If using suffix **-HTR40** or **-HTRF40**, please use table 2.



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

