

HCR-U 1200 A I-Line™ Panelboard Features/Benefits and Product Specifications Class 2110

Retain for future use.

Introduction

Schneider Electric has expanded its power panelboard offering to introduce its new HCR-U 1200 A I-Line™ panelboard. It is a replacement for the HCWM-U 1200 A I-Line panelboard offering:

- 600 Vac and 250 Vdc system maximum voltage
 - 1200 A maximum main circuit breaker or main lugs
- A 1200 A MB/MLO panel that is available in a 44-inch wide enclosure. The 2-inch increase in width from the standard 42-inch wide enclosure permits mounting the J-frame circuit breaker on the narrow side of the bus stack. 1200 A P- or R-frame and 800 A MG/MJ circuit breakers can be mounted on the wide side of the stack.

Design Features/Benefits

Feature	Benefit
Type 1 enclosure is 44.00 in. (W) x 86.00 in. (H) x 9.50 in. (D)	Less depth than the competition Offers the ability to mount 12 additional J-frame circuit breakers
Types 3R, 5, and 12 enclosures are 44.00 in. (W) x 86.00 in. (H) x 14.50 in. (D)	Is a product gap filler for Type 3R that provides a lower-cost alternative solution to a switchboard
1200 A P- or R-frame or 800 A MG/MJ circuit breaker mounting on the wide side of the bus stack	Leaves narrow side free for mounting more B-, F-, H-, and J-frame branch circuit breakers.
HCR-U panelboard provides a range of short-circuit current ratings (SCCR) for fully-rated and series-rated systems up to 200 kA	Highest fully-rated SCCR solutions in the industry
Main and branch circuit breakers available as 80% and 100% rated through 1200 A (1200 A has 80% sensor)	Solutions regardless of available fault current
Panelboard construction	<ul style="list-style-type: none"> • Offers standard tin-plated copper bus • Suitable for use as service equipment • Available as factory-assembled and merchandised; also available for Modular Panelboard Systems (MPS) applications • Trim and circuit breakers require only a screwdriver for installation • Circuit breakers do not need any external mounting hardware • 108 inches of branch circuit breaker mounting space
Optional six-circuit QO-plug-on distribution panel	Flexibility to be configured to address a wide range of applications
Optional plug-on lug kits through 1200 A	
Optional plug-on I-Line TVSS units for surge protection	Greater flexibility in protecting loads

Product Specifications

HCR-U 1200 A I-Line panelboards can be used for up to 600 Vac and 250 Vdc systems. They are Underwriters Laboratories® (UL®) Listed under File E33139. The panelboard accepts the following circuit breaker frames: BD, BG, BJ, BK, FA, FH, HD, HG, HJ, HL, HR, JD, JG, JJ, JL JR, LA, LH, LD, LG, LJ, LL, LR, MG, MJ, PG, PJ, PK, PL, QB, QD, QG, QJ, QO, RG, RJ, RK, and RL.

Standard/Feature	Description
UL 67	Standard for panelboards
UL 50	Standard for enclosures for electrical equipment
CSA C22.2, Nos. 29 and 94	Standard for panelboards and enclosed panelboards
NEMA PB 1	Standard for panelboards
NFPA 70	National Electrical Code (NEC)
W-P 115C Type 1 Class 1	W-P 115C Type 1 Class 1 Specification for circuit breaker panelboards

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