

Battery Disconnect Breakers – EQRB/Molded Case Switches – EQRS600

600A Frame

Ordering Information

Complete Assembled Breaker/Switch

A complete factory assembled 600A disconnect includes the frame, trip unit (if breaker), battery side and load connector bus, all factory assembled and shipped as a complete unit.

One dry Form-C Aux contact

Battery mounting hardware is included with each disconnect.

For DC applications, use thermal magnetic trip unit only.

Breakers are suitable for reverse feed applications.

This disconnect assumes one side of the battery is grounded. The disconnect will switch the ungrounded polarity.



Interrupting Ratings

Disconnect Type UL489, 489A	Volts DC	DC Amperes (KA)
Breaker	80	60
Switch	80	60

Dimensions, inches – Base Unit

Disconnect Type	Width	Height	Depth
Standard Vertical	9-1/2"	12"	11"

Total height above battery rack is dependent on the application.

Connectors for 90°C Wire

Bus Construction	Ampere Rating	Wire Landings	No. of cables per connector plate	Part Number
1/4" Copper Tin Plated	450-600	2-hole lugs on 1" and 1-3/4" centers ①	3	4210R
			4	4210X

① Lugs will terminate with 3/8" bolts

Shipping Weight, lbs.

Frame	Complete Assembly
600	55 lb *

* Includes typical battery mounting structure

Thermal-Magnetic - Instantaneous Trip Adjustment Range

Trip Unit Continuous Amp Rating (I _n)	Instantaneous Overcurrent Setting (I _i)	
	Min.	Max.
450 Amp	2000	4000
500 Amp	3000	6000
525 Amp	2000	4000
600 Amp	3000	5000
Molded Case Switch	—	6000

Note: DC ratings +/- 20% of listed rating.

Lug Landing Detail

