The New CBI Battery Storage MCB Range

DD Frame with **Remote Actuator**



Supply voltage 15 Vdc to 80 Vdc

CB ratings up to 100 A ac to 300 A dc

Can be paired with up to 3 Pole DD Frame circuit breakers

Selectable between remote or manual operation Can be supplied from system line voltage or stand-alone source

Acutation of circuit breaker occurs internally

Applications include:

Telecommunications, railways, solar, system automation, battery storage; switching operations in distant, unreachable or unsafe environments.

For full technical data on the CBI DD Frame Range contact CBI or visit cbi-electric.com.au DD Frames are listed on our site under Products > CBI > CBE Circuit Breakers for Equipment.

HEINELEC*

Actuation Signal Voltage

High (ON)	
Low (OFF)	

Minimum 3.3 Vdc to Maximum 12 Vdc Minimum 0.0 Vdc to Maximum 0.5 Vdc

[H]electric SL GERS



Battery Storage MCB Range





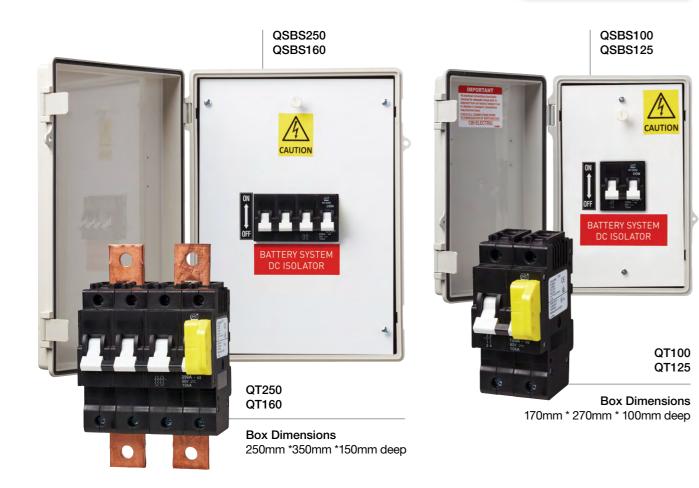
[H] electric

Next Generation Circuit Breakers for Protection and Isolation

The New CBI Battery Storage 80Vdc MCB Range

QT & Enclosure

ENCLOSURES



CBI's new hydraulic magnetic Battery Storage MCB Range sets a new standard in renewable energy and ensures that the batteries in the installation are protected and disconnected in the safest possible manner.

QT Range Description	Catalogue Number
4P (2*2P) 160A or 250 A 80 Vdc MCB busbar set, IP67 enclosure and padlockable lockdog	QSBS160 / QSBS250
2P 100 A 80Vdc MCB, IP67 enclosure and padlockable lockdog	QSBS100
2P 125 A 80Vdc MCB, IP67 enclosure and padlockable lockdog	QSBS125
4P (2*2P) 160A or 250 A 80 Vdc MCB with busbar and lockdog	QT160 / QT250
2P 100A 80Vdc MCB with lockdog	QT100
2P 125 A 80Vdc MCB with lockdog	QT125

Technical Data



QT(26)
MCB

Equipment Type	DC MCB
Application	Solar (Battery
Standards	IEC 60947-2,
Number of Poles	2 Pole & 4 Po
Rated Breaking Capacity (Icu)	10kA
Standard Ampere Rating (A)	100A, 125A,
Rated Voltage (DC)	80 Volts DC
Frequency (Hz)	DC
Impulse Withstand Voltage (kV)	4kV
Operating Principal	Hydraulic Mag
Tripping Curves Characteristics	U2 - Medium
Maximum Conductor Size	95mm ² when
	50mm ² (when
Busbar to Breaker Torque	2.5Nm All bus
	4Nm (when te
Mechanical operations	10,000
Electrical operations	1500 at rated
Mounting options	Dual mounting
Certification	IEC/EN 6094
Operating Temperature	-40°C to 85°C
Utilization category	A (IEC 60947
Suitability for isolation	Suitable
Bridging bars	Supplied by C

y Protection & Switching)

, UL489A

ole

160A & 250A

agnetic

Delay (Similar to C Curve)

n units are bridged in parallel by means of busbars

n terminating direct to breaker terminals)

usbar to breaker terminals to be of equal torque

terminating direct to breaker terminals)

d current and voltage (IEC 60947-2)

ng (DIN & mini rail)

17-2 (VDE), UL489A, VC 8036 (certification pending), CE

7-2)

CBI where required