

B3V-240-9 Assembly

Description

The B3V-240-9 is a 3U battery cabinet with RED Anderson Style output connectors x2. It is NOT centre tapped (EG +240V, not +/-120V).

It is not hot swappable and requires assembly. **This makes the completed cab approx 75kg!** Bear this in mind while assembling in order to move it into final location.

The battery arrangement is as Figure 1. Note, unlike other cabs or units it's not meant for anything other than 20 blocks. For a 16 block application, dummy blocks would need to be fitted in place of 14-17, and the B13+ connection taken to B18-. Similarly for an 18 block application, 14/15 would be dummies and B13+ taken to B16-.

Procedure

The unit requires the lid removed to access. Once done the internal securing brackets need removing and refitting once the batteries are in-situ. Wire the batteries AFTER the brackets have been refitted.

The top-most bracket won't need to be removed but these batteries will need to be fitted first.

Note the non-symmetry of the brackets. They are off centre with respect to the battery blocks. As a result, if the batteries are put in the wrong way they can short against the bracket. Ensure that the batteries are inserted as per the diagram.

Wiring Kit (Supplied)

REF	Colour	Length	QTY
1	BLACK	~27CM	1
2	BLACK	~22CM	1
3	BLACK	~12.5CM	15
4	BLACK	~52CM	3
5	RED	~17CM	1

Wiring Table

CABLE Ref	From → To				
1	CB/2 → B1-				
2	B1+ → B2-				
3	B2+ → B3-	B3+ → B4-	B4+ → B5-	B5+ → B6-	B6+ → B7-
	B8+ → B9-	B9+ → B10-	B10+ → B11-	B11+ → B12-	B12+ → B13-
	B14+ → B15-	B15+ → B16-	B16+ → B17-	B17+ → B18-	B18+ → B19-
4	B7+ → B8-	B13+ → B14-	B19+ → B20-		
5	B20+ → CB/1				

Figure 1: Battery Arrangement

