

DBC-1600 DUAL BATTERY COUPLER

General Information

The DBC-1600 Dual Battery Coupler is ideal for coupling 2 battery banks to one starter in a parallel redundant starting system.

Standard Features

- Massive Hockey Puck style diodes
- Electro-Tin plated Illco TA-350-2NS mounted connectors accommodate #6 to 350MCM battery and starter cables – 2 input, 2 output
- Electro-Tin plated Illco TA-2/0 mounted connectors accommodate up to 2/0 alternator cables – 1 for each battery bank
- MOV di/dt diode protection
- Heavy duty galvanized steel cabinet in customer's choice of colour
- Heavy duty 600V heat sink standoff insulators
- All connections via NOALOX anti-oxidant joint compound

Optional Features



The heart of the DBC-1600 is the massive rectifier and heat sink assembly

Technical Data

Maximum unit continuous current = 50A
Maximum 30 sec cranking current rating = 1600A
Maximum operating ambient temperature = 54C
Maximum device I squared T = 816,700 A squared sec
Maximum device PRR = 1200V
Maximum device I FSM = 14,000A
Maximum connected battery banks of 1400 CCA each (1 x 8D)
Operating humidity 0% to 95% (non-condensing)
Overall dimensions 18"W x 18"H x 13"D
Weight 58 lbs.

Warranty

Ten Year Limited Warranty