## **Accessories for MST Series**

# CB80-660-90

Capacitor Bank for Electronic Speed Controller

### **Overview**

The CB80-660-90 is a capacitor bank for Plettenberg electronic motor controller ("MST"). The capacitor bank reduces current spikes at the battery input lines and stabilizes the input voltage at the controller.

#### **Features**

- Protects MST to ensure reliable operation and long service life
- Ultra-low ESR for maximum efficiency and reduced power losses
- Lightweight construction for optimized handling and easy integration
- Designed to meet demanding application requirements
- Suitable for compact system setups and weight-critical environments





## **Specification**

Part number	58-10000354
Voltage	80 V
Capacitance	660 µF
Current	19.00 A
ESR	2.6 mΩ
Cable length	190 mm
Cable size	4 mm²
Protection	IP64
Max Temperature	125 ℃
Endurance	4000 h
Weight	90 g

## **Complementary Products**

- Plettenberg MSTs:
  - MST 60-80
  - MST 60-130
  - MST 60-260 K
  - MST 80-240 K

## **Installation Guide**

The cable must be either crimped or soldered to the MST battery input. Please ensure correct capacitor bank polarity during installation.

Capacitor bank

660 µF max. 80 V

14.5

25

33.5

Notes:

All Dimensions in the Technical Drawing are millimeters (mm)

The capacitor bank cable can be shortened to the required length

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EU Directives EMC Directive 2014/30/EU Appendix IV Low Voltage Directive 2014/35/EU Appendix IV RoHS Directive 2011/65/EU Appendix I

