

Accessories for MST Series

CB80-660-180

Capacitor Bank for Electronic Speed Controller

Overview

The CB80-660-180 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	58-10000353
Voltage	80 V
Capacitance	660 µF
Current	19.00 A
ESR	2.6 mΩ
Cable length	190 mm
Cable size	4 mm ²
Protection	IP64
Max Temperature	125 °C
Endurance	4000 h
Weight	90 g

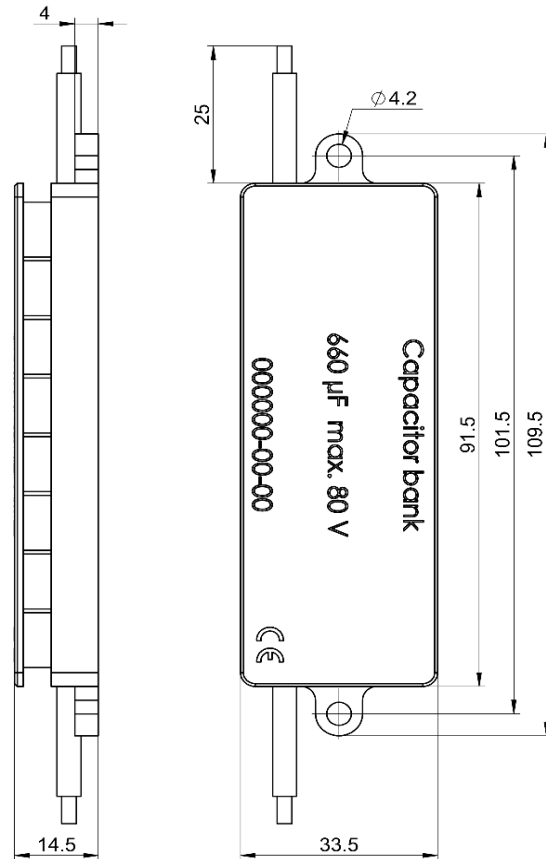
Complementary Products

- 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.

The capacitor bank cable can be shortened to the required length



Notes:
All Dimensions in the Technical Drawing are millimeters (mm)

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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



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