

### MCS-166

(P/N 6910-448-013)

(Shown with Housing)



### Power Supply for MCS-203, MCS-204 and MCS-207 Controls

Warner Electric's MCS-166 is the companion power supply module to be used with MCS-203 and MCS-204 tension controls. The MCS-166 supplies the 24–28 VDC that these systems require. The MCS-166 is a modular unit designed to couple with its respective control or it can be mounted separately. It is also fused for overload protection, has a voltage indicator light, and is internally protected against 240 VAC input when set for 120 VAC.

#### Specifications

##### Input

120 VAC 50/60 Hz or 240 VAC 50/60 Hz (switch selectable).

##### Output

24–28 VDC (1.5 Amps).

**Note:** For dual brake application, two MCS-166's are required, 3.0 amps output.

##### Ambient Temperature

–20° to +113°F (–29° to +45°C).

##### Mounting

Available for panel mounting with exposed wiring or wall/shelf mounting with conduit entrance. Must be ordered with either wall/shelf or panel enclosures.

**Requires enclosure, see page 54.**

### Magnet Selector Static Switch

The magnet selector switch allows magnets to be dynamically or statically added or removed from the tension system to be tailored to the application need. Examples include shedding magnets for narrow, light webs near core or adding magnets for emergency stops.

### TCS-167

(P/N 6910-448-025)



The TCS-167 power supply is designed to provide the correct power input to TCS-210 and TCS-220 tension controls. Its switch selectable input allows the user to adapt to 120 or 240 VAC. It has dual voltage circuits to provide low voltage power and anti-residual output as well as power to operate a brake. The TCS-167 is available with an open frame for control panel mounting.

#### Specifications

##### Input

120 VAC or 220/240 VAC, ± 10%, 50/60 Hz, 1 phase. (switch selectable)

##### Output

Unregulated 9–12 VDC @ 1.5 Amps  
Unregulated 48 VDC @ 3.2 Amps continuous, 48 VDC @ 6 Amps intermittent, 1.6% duty cycle, 30 seconds on time.

##### Ambient Temperature

–20°F. to +113°F. (–29°C. to +45°C.)

##### Mounting

Open frame wall/shelf mount with conduit entrance

### TCS-168

(P/N 6910-448-032)



The TCS-168 power supply is designed to provide the correct power input to the TCS-310 Dancer Splicer Control. Its switch selectable input allows the user to adapt to 120 or 240 VAC. It has dual voltage circuits to provide low voltage power and anti-residual output as well as power to operate two brakes. The TCS-168 is available with an open frame for control panel mounting.

#### Specifications

##### Input

120 VAC or 220/240 VAC, ± 10%, 50/60 Hz, 1 phase. (switch selectable)

##### Output

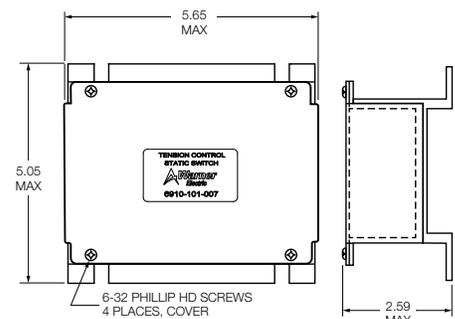
Unregulated 9–12 VDC @ 3 Amps  
Unregulated 48 VDC @ 6.4 Amps continuous, 48 VDC @ 12 Amps intermittent, 1.6% duty cycle, 30 seconds on time.

##### Ambient Temperature

–20°F. to +113°F. (–29°C. to +45°C.)

##### Mounting

Open frame wall/shelf mount with conduit entrance



Each selector switch provides two circuits, each capable of switching up to four magnets.

#### How to Order

To order, specify Magnet Selector Static Switch 6910-101-007.