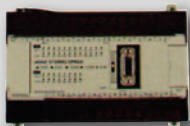


## Programmable Logic Controllers (PLC)



**CPM2A Microprocessor**  
154-1801 (115VAC / 230VAC)  
158-1423 (24VDC)

Not Pictured

**Keypad**

154-8806 - KK | KP | ION

154-8807 - PX-C

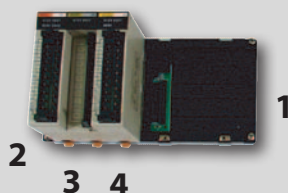
154-8809 - Firebird

**Keypad Cable** - 154-1803

**Omron PLC Battery**

153-1001C - C28H | C200H

154-1804 - CPM2A



**C200HS Items**

1. Mounting Rack C200H - 153-1811

2. Input Module ID212 - 153-1816

3. Output Module OC221 - 153-1814

4. Output Module OC222 - 153-1815

Not Pictured

**Keypad with Cable** - 153-1002C

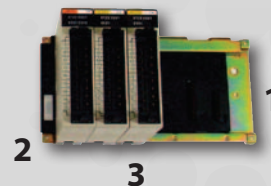
**Microprocessors No Longer Available:**

C200HS PLC

C28H PLC

SP-16 PLC

Call 863-734-0200 for more information.



**C200HG Items**

1. Mounting Rack

C200HW - 154-1201B

2. Input Module

ID212 - 153-1816

3. Output Module

OC222 - 154-8231

(With 24VDC Relay)



**Microprocessor**

C200HG - 154-1201



**Power Supply**

C200HG - 154-1201P

## TWIDO PLCs (Crossfire Only)

**Programmable Logic Controller** - 155-1240

**Real Time Clock** - 158-1201C

**Connector** (RS485 Mini-DIN) - 158-1201D

**Output Module** - 158-1202

**Keypad with 4 Line Display** - 158-8209

**TWIDO PLC Battery** (1/2 AA) - 155-1246

**Keypad Cable** - 158-1203C

**Keypad Assembly** - 158-8209

## Sport Edition PLCs

**PLC** - 158-1610P

**Touchscreen** - 158-1610T

**Converter for CP1** - 158-1610C

**Communication Cable** - 158-1610CC

## Replacement Batteries & Chargers

**DC Voltage Regulator** - 158-8417

**Smart Charger** (IQ-4) - 158-1452 for ION

**Battery Charger Assembly**

158-8411 (115V) - ION

158-8457E (230V) - ION

158-8616 (115V) - KW

158-8621 (230V) - KW



**Odyssey PC925** (Sold in Pairs) - 158-8651

**Odyssey PC1200** (Sport Edition - Sold in Pairs) - 158-8652

## Battery Back-up



**Battery Pack Sport Edition** - 158-8631

**Battery Pack Upgrade for Model B ION** - 158-8635

**Odyssey PC680** (Sold in Pairs) - 158-8650

NOTE: Battery voltage must be closely matched on both batteries for best performance.

## Omron® Brand Relays

LY2 Relay - 153-1016D (24VDC Coil)  
 LY2 Relay - 153-1016 (115V) 153-1616 (230V)  
 LY3 Relay - 153-1018 (115V) 153-1618 (230V)  
 LY4 Relay - 153-1406 (115V) 154-1611 (230V)  
 PLC Output Relay - 153-1032 (24VDC Coil)

## Phoenix® Brand Relays

MY4 Relay (24VDC) - 158-1427  
 Secondary Relay Assembly (24VDC)  
 154-1835 - KK | KP

## Automation Direct® Relays

2 Pole (15A - 24VDC) - 158-1413  
 2 Pole (10A - 24VDC) - 158-1420G

## Relays for Sport Edition

Relay (24VDC DPDT) - 158-1458  
 Relay (Solid State) - 158-1460  
 Relay (DPDT 10A) - 158-1462  
 Relay (Super MY4 24VDC) - 158-1463

## Other Electrical Components

Duster Switch (Large) - 154-1603 - ELT | PXS-C | KK | KP | PX-C | EP | ION  
 Duster Switch (Small) - 153-1202 - for PXS-A,B | PX-A,B | XF  
 Brush Switch - 153-1203 - for All Machines  
 Squeegee Switch (Small) - 153-1203 - PXS-A,B | KP | PX-A,B | EP | XF | ION  
 Squeegee Switch (Large) - 154-1015 - STD | ELT | PXS-C | KK | PX-C

Pass-Through Sensor - 153-1031A  
 Sensor Plug and Cable - 153-1031B  
 Proximity Sensor - 154-1220  
 Proximity Sensor (XF-A) - 158-1208

Solenoid (115V) - 153-1027  
 Solenoid (220V) - 153-1627  
 Solenoid Cable Assembly 7.625" - 153-8812 (PX8)  
 Solenoid Cable Assembly 8.25" - 153-8812A (PXC)

LCD Amp Gauge Assembly - 158-8410 ION | KW  
 Red Push Button (Normally Open) - 153-1408  
 Horsepower Resistor 0.025  $\Omega$  - 153-1015A  
 Horsepower Resistor 0.050  $\Omega$  - 153-1015  
 Arc Suppressor - 158-1438  
 Contactor - 158-1465  
 (Used for Sport Edition Vacuum & Auto Shut Down Relay)

Head Motor 6.0 $\mu$ F Capacitor  
 154-1208 - PXS | KK | KP | STD | ELT | EP

Oil Pump Motor 1.5 $\mu$ F Capacitor  
 154-1208 - PXS | KK | KP | STD | ELT | EP

## Fuses & Breakers

Panel Mount Fuse Holder (115V) - 153-1028  
 Fuse 0.5A (UL) - 154-1261  
 Fuse 0.75A (UL) - 154-1262  
 Fuse 1.8A (UL) - 154-1265  
 Fuse 2.25A (UL) - 154-1266  
 Fuse 3.2A (UL) - 154-1267  
 Fuse 4A (UL) - 154-1268C  
 Fuse 7.5A (UL) - 154-1270  
 Fuse 8A (UL) - 154-1270C  
 Fuse 10A (UL) - 154-1273  
 Fuse 20A (UL) - 154-1274C

Panel Mount Fuse Holder (230V) - 153-1028E  
 Fuse 315mA (IEC - 230V) - 154-1260E  
 Fuse 1A (IEC - 230V) - 154-1264E  
 Fuse 1.6A (IEC - 230V) - 154-1265E  
 Fuse 4A (IEC - 230V) - 154-1267E  
 Fuse 6.3A (IEC - 230V) - 154-1269C

Circuit Breaker 8A - 153-1810  
 Circuit Breaker 10A - 153-1030  
 Circuit Breaker 15A - 154-1610  
 Circuit Breaker 20A (24VDC) - 158-1451  
 Rocker Breaker 10A - 154-1272

Breaker for E-Stop (Prior to 2008) - 154-1251  
 Breaker for E-Stop (2008 and later) - 154-1251A  
 2008 E-Stop - 154-1250A  
 (2-Hole Pattern)

## Blade Type Fuses

Fuse 25A - 158-1439 for Voltage Regulator - ION | KW  
 Fuse 40A - 158-1440 for IOTA Battery Chargers

Maxi-Fuse 40A (for Fuse Link) - 158-1454 for ION  
 Fuse Link Assembly - 158-8421

## Power Cord Components

| Description                         | 115VAC   | 230VAC    |
|-------------------------------------|----------|-----------|
| Male Plug End (15A)                 | 153-1025 | 153-1625  |
| Male Plug End (20A)                 | 153-1825 | N/A       |
| Female Twistlock Plug (15A)         | 153-1024 | 153-1624  |
| Female Twistlock Plug (20A)         | 153-1822 | 153-1824  |
| 25' Charging Cord Assembly ION   KW | 158-8425 | 158-8425E |
| Velcro Strap For Cord               | 154-0242 | 154-0242  |