

ioBLOC 200A Output Module

10 channel PWM output module designed for extreme heavy duty applications

Key Features

- For 12 or 24V nominal systems
- 10 Output Channels
 - 4 x 25A (Outputs 1-4)
 - 6 x 15A (Outputs 5-10)
- Short circuit and overcurrent protection
- Open load detection (when diagnostics enabled)
- Programmable overcurrent limit
- 250kbps baud rate (with J1939 protocol)
- IP67 rated with properly mated connectors
- Independent frequency and duty cycle



Unit Connections

3 Pin Deutsch (SAE J1939)

| | |
|------------------------|----------------|
| Communication Protocol | SAE J1939 |
| Connector | DT04-3P |
| Mate Connector | DT06-3S |
| Mate Contact | 0462-201-16141 |
| Mate Wedge Lock | W3S-1939 |

1 Pin Deutsch (Power)

| | |
|----------------|----------------|
| Connector | DTHD04-1-4P |
| Mate Connector | DTHD06-1-8S |
| Mate Contact | 0462-203-08141 |

12 Pin Deutsch (Outputs 1-6)

| | |
|-----------------|----------------|
| Connector | DTF15-12PA |
| Mate Connector | DT06-12SA |
| Mate Contact | 0462-201-16141 |
| Mate Wedge Lock | W12S |

12 Pin Deutsch (Outputs 7-10)

| | |
|-----------------|----------------|
| Connector | DTF15-12PB |
| Mate Connector | DT06-12SB |
| Mate Contact | 0462-201-16141 |
| Mate Wedge Lock | W12S |

Electrical Specifications

| | |
|----------------------|------------|
| Power Supply Voltage | 8 - 32 VDC |
| Output Current | 15 - 25A |
| Total Module Current | 200A Max |

Environmental Specifications

| | |
|-----------------------|---------------|
| Storage Temperature | -40° to 85° C |
| Operating Temperature | -40° to 85° C |
| IP Rating | IP67 |
| Weight | 1.95 lbs. |

Part Number

| | |
|---------------------------|--------------|
| ioBLOC 200A Output Module | PN 100001293 |
|---------------------------|--------------|