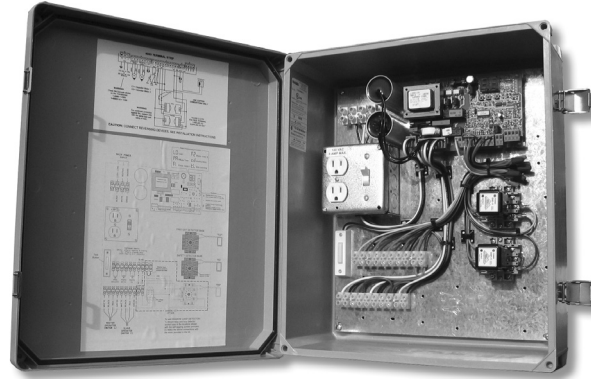


455D

115VAC / 230VAC Control Board for Swing Gate Operators



- Operates a single leaf or bi-parting gate
- Programmable opening and closing slow down
- Eight different function logics
- Built in closing timer
- Fail safe function for photocells
- Opening and closing delays selectable for overlapping gates
- Electrical thrust force adjustable

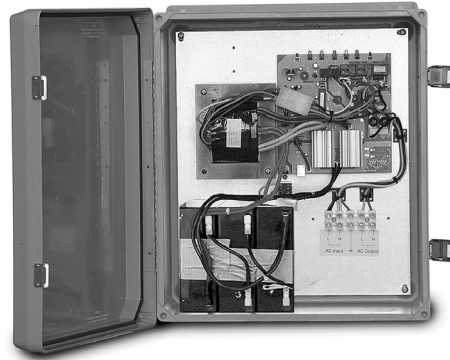
TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--|
| Input voltage | 115 VAC (+10% -6%) or 230 VAC (+6% -10%) |
| Input power | 10 W |
| Motor max. load | 800 W |
| Accessory max. load | 500 mA |
| Electric lock max load | 15 VA |
| Operating Temperature | -4°F - 131°F (-20°C - +55°C) |
| Dimensions overall (L x D x H) | 17.5 x 15.5 x 6.2" (445x393x157mm) |
| Weight (without batteries) | 15.5 Lbs (7 kg) |
| Protection class | NEMA type 3, 3R, 4, 4X, 12 and 13 |
| Number of operating logics | 8 |
| Protection Fuses | 2 |

| Description | Shipping Wt | Voltage | Part Number |
|---|-----------------|---------|-------------|
| 455D Control Board Replacement (pre new UL version 7) | | 115V | 790919 |
| | | 230V | 790926 |
| 455D Control Board Replacement (post new UL version 7) | | 115V | 790944 |
| | | 230V | 790945 |
| 455D with 14 x 16 in. fiberglass enclosure | 25 lb (11.3 Kg) | 115V | 455D115F.5 |
| | | 230V | 455D220F.5 |
| 455D with 20 x 16 in. metal enclosure | 35 lb (15.8 Kg) | 115V | 455D115A.5 |
| | | 230V | 455D220A.5 |
| Fiberglass enclosure 14 x 16 in. prewired (without 455D board) | 25 lb (11.3 Kg) | 115V | 3300 |
| | | 230V | 3303 |
| Fiberglass enclosure 10 x 12 in. with backplate | 10 lb (4.5 Kg) | | 2359 |

455D

Battery Back-up



- Fail safe operation
- Built-in AC surge and lightning protection
- LEDs indicate line / battery mode, low battery, replace battery status

TECHNICAL SPECIFICATIONS

| | | |
|--|-----------------------------------|------------|
| Nominal Input Voltage | 120 VAC | 230 VAC |
| Low Voltage transfer to Battery | 99 VAC | 159 VAC |
| Output Volt Amp Capacity | 1050 VA | 800 VA |
| Output Watt Capacity | 705 | 475 |
| Output Voltage regulation (Battery Mode) | + / - 5% | |
| Frequency Compatibility | 60 Hz | 50 / 60 Hz |
| Battery Recharge rate | Less than 4 hours from 10% to 90% | |
| DC system voltage | 18 V | 12 V |
| Operating Temperature | 32°F - 104°F (0°C - +40°C) | |

| Description | Shipping Wt | Voltage | Part Number |
|---|-----------------|---------|-------------|
| Battery Backup Single Gate (controls one full system) | 45 lb (16.8 Kg) | 115V | 3520.5 |
| | | 230V | 3521.5 |
| Battery Backup Dual Gate (controls two separate full systems) | 45 lb (16.8 Kg) | 115V | 3522.5 |
| | | 230V | 3523.5 |
| Battery Backup replacement board | | 115V | 3233 |
| | | 230V | 3234 |
| 18V Replacement battery pack for 115V version | 10 lb (4.5 Kg) | | 3533 |
| 12V Replacement battery for 230V version | 6 lb (2.7 Kg) | | 3536 |

NOTE

Operating Mode: FAIL SAFE

- The battery backup operates so that during a power outage the gates are opened and left open until the power comes back. The operators will guarantee full access to the property during a power outage.