



**HARTMANN CONTROLS Corp.**

**PRO-ACC HC-PROSIOC8 8 Input and 8 Output Control Unit**




**KEY Features**

- 200 time zones
- 30 Holidays
- Extremely simple installation and configuration
- Fully distributed system (field panels contain all information to operate on their own with no connection to P.C.)
- All Headers quick disconnect for easy replacement.
- All inputs, outputs and power have led indicator for easy visual diagnostics.
- Multi Site Dial Up via Modem
- Direct Connect to P.C. via Serial or USB port, HC485 and Cat 5 Cable.
- 1230m (4000') Bus Runs via Cat 5 Cable Daisy Chain Configuration supporting max of 32 or 100 panels (32 using IP, 100 using direct connect).
- Multiple TCP/IP communication channels via TCP/IP Server Device.
- Single board design taking less real-estate and making installing and troubleshooting a snap.
- Very Robust Design with all relay outputs utilizing Form C 10Amp 125VAC (Max 6Amp Load) Form C contacts



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| <b>PRO-ACC HC-PROSIOC8 Specifications</b> |   |
|---|---|
| <b>Power Input</b>                        | VAC 40VA Transformer Certified Class2 CSA/UL Transformer  |
| <b>Battery Input</b>                      | 1 Battery 12V, 7AH Provides up to 13 hours of stand by operation  |
| <b>Aux Power</b>                          | 12V DC@200mA max (used for Motions, Pezos, etc)   |
| <b>Relay Outputs</b>                      | 8 Relays @ 6Amp max load each   |
| <b>Inputs</b>                             | 9 Dry Contact Inputs N/C for Monitoring Purposes.   |
| <b>Communications</b>                     | On Board RS422 @ 19,200 Baud using Compression algorithm and Data Encryption. (8 Data Bits, No parity, One Stop Bit)                                    |
| <b>PCB Dimensions</b>                     | 23.2cm X 20cm (9.125" X 8")   |
| <b>Enclosure Dimensions</b>               | 28.6cm (W) X 38.75cm (H) X 7.7cm(D) (11.25"X15.25"X3")  |
| <b>LED Indicator</b>                      | 1 AC indicator, 2 DC power Indicator, 8 output Indicators   |
| <b>Operating Temperature</b>              | From 0 C to 50 C.   |
| <b>Operating Humidity</b>                 | 10% to 90% relative humidity non-condensing   |
| <b>Color</b>                              | Blue  |
| <b>Communication Wiring</b>               | 1230m (4000') 2 pair twisted 22GA   |
| <b>Weight</b>                             | 2.4KG (5.4 Lbs) with enclosure.   |
| <b>Certification</b>                      |  ETL Listed Conforms to UL STD 294<br>Certified to CSA-C22.2 NO. 205 |
|   | Belden 8777 or Equivalent   |
|   | Category 5 Cable or Equivalent  |
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