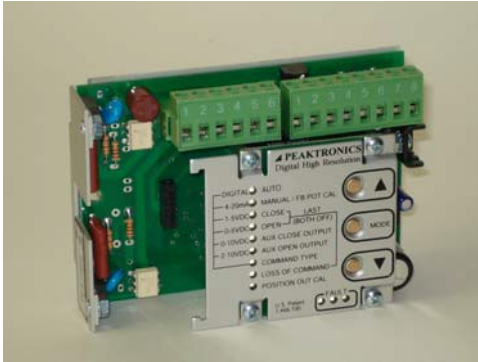
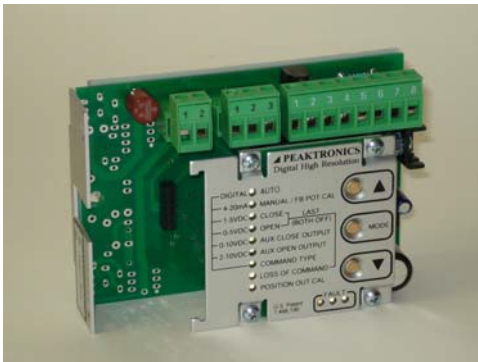


# ▲ PEAKTRONICS

## Digital High Resolution Controllers (AC digital servo)



**DHC-100  
DHC-100A  
DHC-100B**



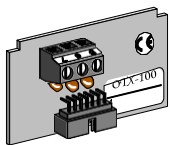
**DHC-301**

The **DHC Series** High Resolution Controllers provide the optimum positioner for virtually any AC powered actuator. The DHC-100 Series are directly interchangeable with the AMC or LRC Series.

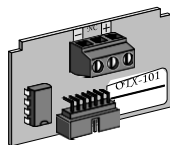
- **Adaptive Control** feature continuously adjusts for load and actuator conditions and positions to  $\pm 0.1^\circ$  with quarter-turn actuators ranging from 2 sec to 120 sec (with or without a brake).
- Three button control provides easy setup and eliminates the need for instrumentation, calibration procedures, and auto-cal operations.
- **Polarity Detection** feature allows direct or reverse acting operation without re-wiring.
- **Electronic Brake** feature (DHC-100 Series only) can eliminate need for a mechanical brake and extends brake life if used.
- **Stall Detection** feature protects actuator motor from a stall condition.
- **Automatic Duty Cycle Control** feature prevents shutdown of a process due to a thermal overload of the actuator motor, and allows actuators rated for 25% duty or more to be safely used.

Voltage	Model	Description	List
117VAC	DHC-100	Single Phase, 5A	\$ Call
234VAC	DHC-100A	Single Phase, 5A	\$ Call
24VAC	DHC-100B	Single Phase, 5A	\$ Call
234VAC	DHC-100D	Single Phase, 5A	\$ Call
117VAC	DHC-301	3-Phase	\$ Call

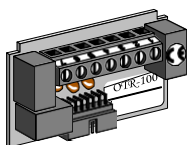
Note, 3-phase controller requires an SSD-100 and XFR-100.



**OTX-100**



**OTX-101**



**OTR-100**

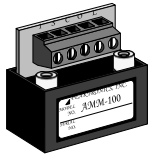


**OCM-102**

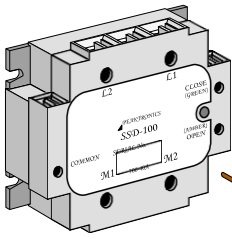
### Option Modules

Model	Description	List
OTX-100	Current / Voltage Transmitter (adjustable)	\$ Call
OTX-101	Isolated 2-wire 4-20mA Transmitter (adjustable)	\$ Call
OTR-100	Transmitter (adjustable) and Relay module	\$ Call
OTR-101	Isolated Transmitter (adjustable) and Relay module	\$ Call
OCM-102	Modbus Module (Isolated RS-485 connection)	\$ Call

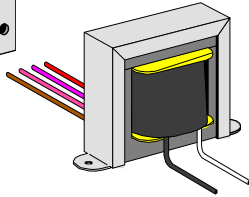
## Accessories



**AMM-100**



**SSD-100**



**XFR-100**

Model	Description	List
AMM-100	Auto/Manual Station interface module	\$ Call
SIG-100	1-5 / 2-10 VDC Signal Adaptor	\$ Call
SSD-100	3-Phase Solid State Driver (for DHC-300 Series only)	\$ Call
XFR-100	Step Down Controls Transformer (440/380/230 VAC to 115 VAC)	\$ Call