



An Engineered Solution

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Waterproof · Corrosion Proof · Vibration Proof
The Leader in Performance and Durability



ELECTRICAL SPECIFICATIONS:

NCX CONTROLLER FOR STOCK SEPARATELY EXCITED DC MOTORS

Model: NCX300 for DCS and PDS — Stock Applications ONLY

- Type:** Stock replacement for Separately Excited (Shunt wound) DC motor
- Battery Input Voltage:** 24 – 48VDC Nominal, 60VDC max
- Undervoltage cutback:** 16 VDC
- Overvoltage shutdown:** 55 VDC
- Armature Current Limit:** Peak 300A
- Armature Current, 2 minutes:** 250A
- Armature Current, 1 hour:** 125A
- Field Current Limit:** 30A
- Operating Frequency:** 18kHz
- Contactor drive current:** 2A max
- Control voltage range:**
 - Key (KSI), Throttle, and Reverse inputs:** 12 – 48VDC Nom, 60VDC max, (15mA max)
- Reverse Horn Output:** 50mA sink max
- Standby Current:** < 35mA
- Throttle Input:** ITS (inductive)
- Throttle Ramp up rates:** 1.5 seconds
- Operating Temperature:** -25°C to 75°C, 95°C shutdown

These controllers are Non-Programmable and intended to be used as stock replacements only. Not to be used in place of our high performance programmable DCX controllers. The NCX controllers are factory programmed for ITS (Inductive Throttle) throttle.



Alltrax 300 & 400 Amp
Controllers Fit Under The
E-ZGO Cover With Solenoid
Attached!

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