



An Engineered Solution

www.alltraxinc.com

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!

Doc100-058-A_SPEC-NCX-Product-Family.pub
Released: 01/03/2007

ALLTRAX INC.

1111 Cheney Creek Road
Grants Pass, Oregon 97527

Phone: 541-476-3565
Fax: 541-476-3566
Email: info@alltraxinc.com

Golf Cars - Fork Lifts - Scissor Lifts - Boom Lifts - Floor Scrubbers

Airport Tugs - Pump Controllers - Mining