



Low Voltage Starter Sales Checklist

Note: Items marked with * are mandatory fields.

*Project Name and/or End-User: _____

*Contact Name: _____

*Phone Number: _____

*Email: _____

*Project Type: Budgetary Funded Est. Installation Timeframe: _____

*Specifications: Yes No Competitors: _____

SECTION A – Starter Application:

*Type of application (load) _____

Present starting method: Across the Line Wye-Delta Auto Transformer

Other: _____

Starts / Stops per day: 1-5 6 -10 11-15 16-20 Over 20 _____
(please specify)

Current Acceleration Time 1-5 seconds 6-10 seconds 11-15 seconds
 16-20 seconds >20 seconds _____
(please specify)

Current Deceleration Time (if applicable) 1-5 seconds 6-10 seconds 11-15 seconds
 16-20 seconds > 20 seconds _____
(please specify)

Input Power

Source

Utility (Transformer feed capacity – kVA) _____

Generator (generator kW rating) _____

Type

Delta

Wye

3-wire

4-wire

Grounding

Delta, Corner Grounded

High resistance ground

Solid Ground

Ungrounded



SECTION B - Motor Data:

*Type of motor: Induction Synchronous Wound Rotor

(If Synchronous or Wound Rotor, see Section "E" or "F" for additional questions.)

*Horsepower: _____ (HP) *Motor voltage: _____ (VAC) *Motor Frequency: _____ (Hz)

FLA: _____ Service Factor: _____ Motor LRA: _____ Motor Speed: _____ (RPM)

NEMA Design: A B C D E

SECTION C - Enclosure / Environment Data:

*Expected ambient temperature: Minimum: _____ Maximum: _____
(Space Heater required if less than 0° C)

Space heater: Yes No *Physical Location: Indoor Outdoor

Size limitations (if any): _____ "H x _____ "W x _____ "D

*Altitude: Up to 3,300ft. Above 3,300ft. _____
(please specify)

Unusual Ambient Conditions (if any): _____
(describe)

Color: ANSI 61 Grey Precision Tan/Beige Other: _____
(standard) (standard) (please specify)

Cable Entry location: Top Bottom Top Bottom
(standard) (standard)

*NEMA Enclosure Type: 1 3R 12 Other: _____
(standard) (please specify)

SECTION D - Miscellaneous:

*Disconnect: Circuit Breaker Fusible Disconnect Non-fused Disconnect None

Starting Method: Keypad 2-Wire Control 3-Wire Control Other: _____
(standard) (please specify)



*Across-The-Line Starting Option: Yes No (standard)

*Will any of the following be present?: Power Factor Correction Capacitors
Note: PFCC must be located on the Line side of the Starter and must be isolated from the line during starting.

Lightning Arrestors
Note: May be placed on either the Line or Load side of the Starter.

Surge Capacitors
Note: Must be at the motor terminals and must be isolated during starting to prevent Starter damage.

*SECTION E – Synchronous Motor Data: (Required only for synchronous motors)

Normal Field Current: _____ (ADC) Max Field Current: _____ (ADC)
Field Discharge Resistor Rating: _____ (Ω) Synchronous Motor Field Voltage: _____ (VDC)

*SECTION F – Wound Rotor Motor Data: (Required only for wound rotor motors)

Wound Rotor Motor: Starting Duty Resistor Continuous (Running) Duty Resistor
Quantity of steps/resistance: _____ Present number of steps: _____
Secondary Voltage: _____ (VAC) Secondary Current: _____ (amps)
Additional information: _____

SECTION G – Additional Modifications, Accessories and/or Information:

Customer Contact Name

Customer's Company

Date