Full Voltage Starter Check List

Information to obtain from the customer.

Motor Info:

Type of motor (pick one): Induction, Synchronous, Wound Rotor.
Horse Power _____ H.P.
Full Load Amps _____ Amps
Line Voltage _____ Volts
Phase: 3 phase or Single phase

Application:

Non reversing
Reversing
Wye Delta, Open transistion, closed transition
Part Winding

Disconnect type

Non combination: No disconnect
Combination, type of disconnect required, circuit breaker, non fused switch, fusible switch

Control options required:

Start Stop push buttons
Hand off Auto
Local Off Remote
Door Mounted Reset
Run Pilot
Fault Pilot
Control power transformer

Enclosure Type

Open type, NEMA 1, 12, 4, 4X, 7, 9

Sizing the overload

1.) Mutiply motor full load amps X 1.15 for total amps.
2.) Size overload range so the calculated amps is close to the mid range of the overload.

Tip:
Size the contactor after you size the overload to ensure a properly sized starter
When possible please provide motor horsepower and full load amps.