

Medium Voltage Soft Starter Request Form

Please supply ALL the following information so we can accurately select a starter for your application.

Type of application (pump, compressor, conveyor, etc.) _____

Motor rated power (KW or HP) _____ Motor Full Load Current (FLA) _____

Motor nominal voltage (V) _____ Motor synchronous speed (RPM) _____

Motor current vs. speed curve or Ist/In (% or Per Unit) _____ Motor speed/torque curve or Tmax/Tn (% or Per Unit) _____

Rotor inertia J=GD²/4 (kgm²) _____ Load speed/torque curve (% or per unit) _____

Load inertia J=GD²/4 (kgm²) at motor speed _____

Starts per hour _____ Time between starts _____

Cabinet degree of protection (1PXX/NEMA) _____

Ambient temperature (operating & storage) requirement _____ Altitude (meters or feet above sea level) _____

Power cables entry (top or bottom) _____ # of units (single, multiple in line up) _____

Soft starter only (IEC style) or standard unit with load break switch and power fuses/VCB _____ If line-up of multiple units, how many per line-up (required for sizing horizontal/overhead bus). _____

Max. shipping split dimensions (WxHxD) _____

Additional notes / requirements:

If your application involves a synchronous motor (soft starter with synchronous exciter), please also indicate:

Type of exciter (rotating or static) _____ New or refurbished motor? _____

Full nameplate data of motor and exciter _____ Data for existing/old excitation system _____

For rotating exciter: DC voltage, DC current of the exciter generator field _____ For static exciter: DC voltage, DC current of motor field _____

_____ For static exciter: full data of field starting/discharge resistor _____

If retrofit application, will the existing static exciter field starting/ discharge resistor be used? If not, is this within soft starter manufacturer's scope of supply? _____ Availability of LV 3 phase supply KVA required: 250V x IDC x 3 phase x 1.3. Advise voltage and frequency. _____

Additional notes / requirements:

To receive a personalized quotation, please send this form to sales.us@aucom.com