

VLT® Soft Starter MCD 100

VLT® Soft Start Controller MCD 100 is a cost effective and extremely compact soft starter for AC motors up to 11 kW, due to a unique semiconductor design.

MCD 100 is a true “fit and forget” product. Selection can be made on the basis of the motor power – exactly as with traditional contactors.

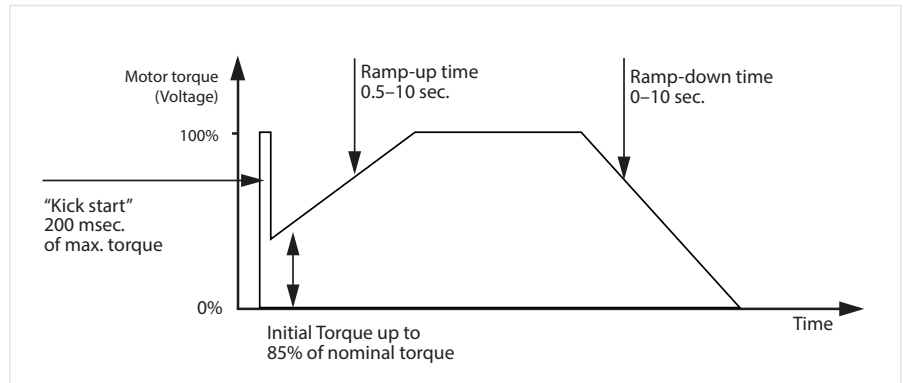
MCD 100 products provide timed voltage ramp up and down. Ramp time can be individually adjusted with rotary switches from 0.4 to 10 seconds.

The start torque can be adjusted from 0 to 85% of the direct on-line torque.

All sizes are rated for line voltage up to 600 V AC.

The perfect match for:

- Pumps
- Fans
- Compressors
- Mixers
- Conveyors
- and many more



Features	Benefits
Small footprint and compact size	– Saves panel space
Selection can be based on motor power	– Easy selection
Universal control voltage	– Simplifies selection – Keeps stock at a minimum
“Fit and forget” contactor design	– Simplifies installation – Reduces required panel space
Reliable	Maximum up-time
Robust semiconductor design	– Reliable operation
Almost unlimited number of starts per hour without derating	– Prevents unauthorized changes
Max. ambient temperature 50°C without derating	– No external cooling or oversizing necessary
User-friendly	Save commissioning and operating cost
Easy to install and use	– Saves times
Digitally controlled rotary switches	– Secures precise settings and simplifies installation
Easy DIN rail mounting for sizes up to 30 kW	– Saves time and space



Dimensions

Model	Power size (kW)	Rated current (Amps)	Dimensions (mm) H x W x D	Approvals
MCD 100	1.5	3 A AC-53b: 4-10: 110	102 x 22.5 x 123.5	UL, CSA, CE
	7.5	15 A AC-53a: 8-3: 100-3000 AC-58a: 6-6: 100-3000	110 x 45 x 128.1	
	11	25 A AC-53a: 8-3: 100-3000 AC-58a: 6-6: 100-3000	110 x 90 x 128	