

Soft starters in system - MCI Complete

Complete electronic "star/delta starter"

Offers better reduction of starting current than a traditional star/ delta starter



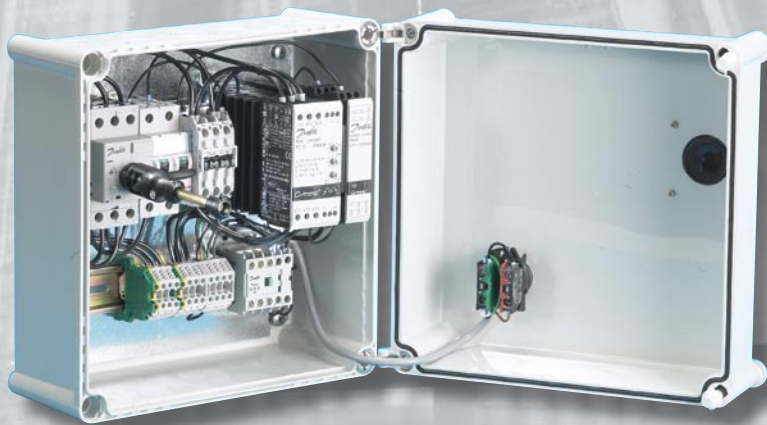
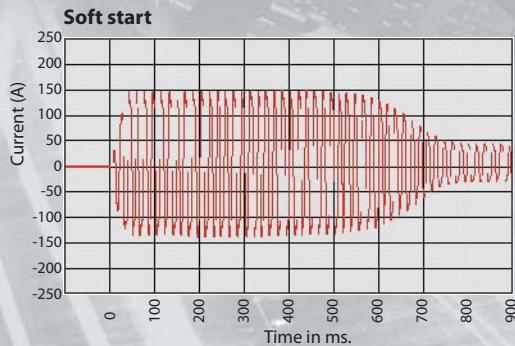
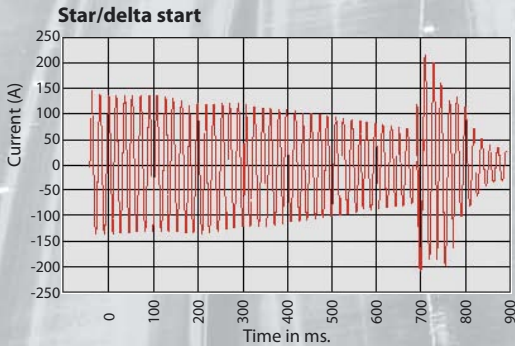
New electronic “star/delta starter” MCI Complete

Star/delta starting

- Initial torque limited to only 25%
- Some machines cannot use Y/D starters
- Double wiring to motor (6 conductors)
- Correct connection to avoid 30° field displacement
- Mechanical shock and current surge during switching from star to delta often the same as during direct start (DOL start)

MCI Complete

- Initial torque adjustable from 0-85% of nominal torque
- Ramp-up 0-10 sec/0-20 sec/0-30 sec
- Ramp-down 0-10 sec/0-20 sec/0-60 sec
- Standard connection of motor
- Easy and uncomplicated installation (3 conductors)
- No torque surges (switching unnecessary)
- Starting current limited to appr. 4 x nominal current
- Built-in short circuit protection
- 25 operations per hour



Features

- IP 65
- Main and repair switch
- Short circuit and overload protection
- Manual and remote operation of starter
- Terminal strip for connection
- Control circuit fuses
- Only 3 conductors for motor
- No zero conductor necessary
- CE approval

MCI Complete, motor starter

Application	Type	Max. AC-3 Load		Line Voltage	Code Number
		A	kW		
Soft start/soft stop of 3 phased motors	MCI 15 CL	15	7,5	3 x 400V / 50 Hz	037N0150
	MCI 25 CL	25	11	3 x 400V / 50 Hz	037N0151
	MCI 30 CL	30	15	3 x 400V / 50 Hz	037N0152
	MCI 45 CL	45	22	3 x 400V / 50 Hz	037N0153

Further information can be obtained in our datasheets or on www.danfoss.com.

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