

Soft starters in system - MCI Complete

Complete electronic "star/delta starter"

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



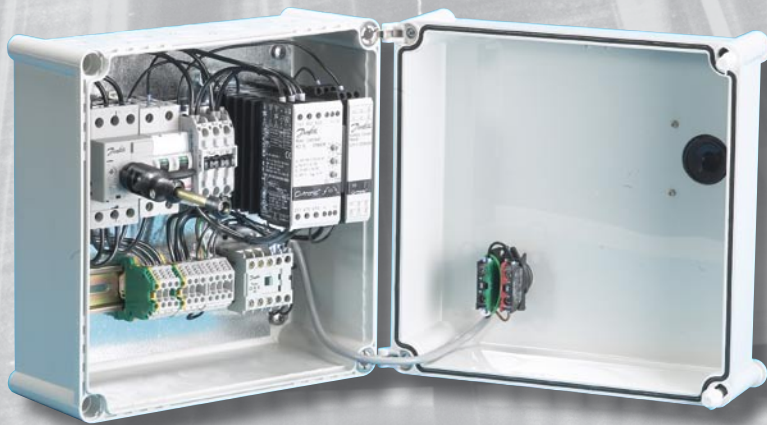
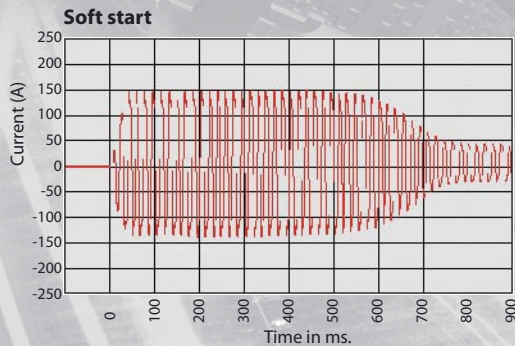
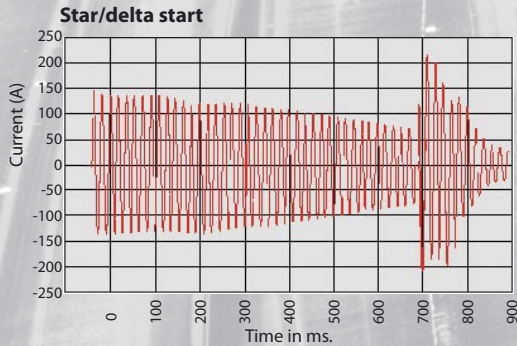
New electronic “star/delta starter” MCI Complete

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.

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

The Danfoss logo, featuring the word "Danfoss" in a stylized, red, cursive font.