



1. Connect Supply to Terminals 1(L1), 3(L2) 5(L3) on K6 & Earth Terminal.
2. Connect Existing Starter to terminals 2(T1) 4(T2) 6(T3) on K6 & Earth Terminal.
3. Connect 2 motor phases to terminals 2(T1) & 4(T2) on K5.
4. Connect emergency safety switch to Din rail Terminals 1 & 2.
5. The RESET pushbutton must be pressed to energise K6 to allow normal operation.
6. Existing starter is used for normal operation (coast to stop).
7. When External safety switch is triggered unit stops motor using DC injection braking. RESET button must be pressed to allow normal operation.

Setting up dc injection Brake.

1. On the brake controller U1 adjust the time and current settings to minimum.
2. Do trial Start / Emergency Stops to establish motor response.
3. Increase the current setting on brake module (U1) 1/4 turn and observe the stopping of the motor.
4. Increase the time setting on brake module (U1) until the motor is brought to a standstill.
5. If the motor is not brought to a stop within 10s increase the current setting.

DC Clamp meter.

If you have a DC Clamp meter you can set the injection current to no more than twice the motor full load current. At very high currents the braking force may begin to reduce.

Power Drive Services  
Unit 1, Victoria Street  
Ind. Est.,  
Victoria Street,  
Leigh,  
Greater Manchester,  
WN7 5SE

Tel. 01942 260 206  
Fax. 01942 260 525

[www.inverter.co.uk/contact.htm](http://www.inverter.co.uk/contact.htm)

DRAWN	DATE	CHK'D	DRAWING No	ISSUE	
SJ	25N009		25N009CD1	0	Emergency Brake in conjunction with existig DOL