



Macro 8: 4-Q Regen

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This macro is used for common DC Link schemes. The 4-Q Regen Drive acts as a DC power supply for the common DC Link, capable of drawing and supplying sinusoidal, unity power factor current to the system 3-phase supply. Detailed description of the 4-Q Regen control mode can be found in the Application Note - refer to Chapter 10.

Control Wiring I/O			
Terminal	Name	Purpose	Comment
12	DIGITAL INPUT 1	Pre-Charge Closed	24V = External Contactor Closed
13	DIGITAL INPUT 2	Not Coast Stop	0V = Coast Stop
18	DIGITAL INPUT 7	Remote Trip Reset	24V = Reset Trips
19	DIGITAL INPUT 8	External Trip	<i>Non-configurable</i> 0V = Trip (connect to terminal 20)
21, 22	DIGITAL OUTPUT 1	Health	0V = Tripped, i.e. not healthy
23, 24	DIGITAL OUTPUT 2	Running	0V = Stopped, 24V = Running
25, 26	DIGITAL OUTPUT 3	Close Pre-Charge	0V = Pre-Charge Open 24V = Pre-Charge Closed

The Operator Menu for Macro 8

The default Operator Menu is shown below.

