

**TYPICAL CONFIGURATIONS V5**  
Two Wire Start/Stop Control and Remote Reset.

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S/W version 2.1

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# TYPICAL CONFIGURATIONS V5

## Two Wire Start/Stop Control and Remote Reset.

### 1.- Configuration Parameters

CODE	DESCRIPTION	DISPLAY	VALUE (DEFAULT)
<b>NAMEPLATE</b>			
G2.1	Soft Starter Current	I Starter	(Rated nameplate current of soft starter)
G2.2	Motor Current	I Motor	(Auto dependant on V5 model) Adjust to motor nameplate FLC
G2.3	Motor Voltage	V Motor	(380V/440V)
G2.4	Motor Power	P Motor	(11) Adjust to motor nameplate Power
G2.5	Motor Cosinus Phi	Cos Phi M	(85%) Adjust to motor nameplate Power Factor
G2.6	Supply Frequency	Freq	(50Hz)
<b>PROTECTIONS</b>			
G3.1	Phase Sequence	Phase Sequen	(L1, L2, L3 Seq)
G3.2	Overload Motor Current	Overload	(Auto dependant on V5 model) Adjust to motor nameplate FLC
G3.3	Overload Curve	O/load Curve	(5)
G3.4	Starting Overload Factor	Oload Factor	(100%)
G3.5	Motor PTC	Motor PTC	(No)
<b>ACCELERATION</b>			
G4.1	Start Delay	Str Delay	(0)
G4.2	Torque Pulse	Puls Torq	(50%)
G4.3	Torque Pulse Time	Pulse Tq T	(Off)
G4.4	Initial Torque	Init Torque	(35%). Adjust to suit load requirements. Pumps and low inertia loads typically 40%~45%. Higher inertia loads may be between 45% ~80%
G4.5	Initial Torque Time	Init Tq T	(1s)
G4.6	Acceleration Time	Acel Time	(6s) Adjust to suit application requirements
G4.7	Current Limit	I Limit	(3 * In of V5 model). Set to load requirements. Typically between 300% and 450% of motor FLC
<b>DECELERATION</b>			
G5.1	Freewheel Stop	Frewel Stp	(Yes). Set to No for ramped stop
G5.2	Deceleration time	Decl Time	(12). Set to load requirements.
<b>INPUTS</b>			
G6.1	Control Mode	Oper Mode	(0). Set to 2 for control from digital inputs
G6.2	Local Reset	Local Reset	(Y)
G6.3	Digital Input 1	D Input1 Sel	(0). Set to 4 for 2 wire start/stop
G6.4	Digital Input 2	D Input2 Sel	(0). Set to 5 for reset

denotes minimum necessary adjustments.

2.- Control terminal connections.

Terminal 10 : Common  
Terminal 11 : Programmable digital input 1 (set to Mode 04 = Start/Stop)  
Terminal 12 : Programmable digital input 2 (set to Mode 05 = Reset)

