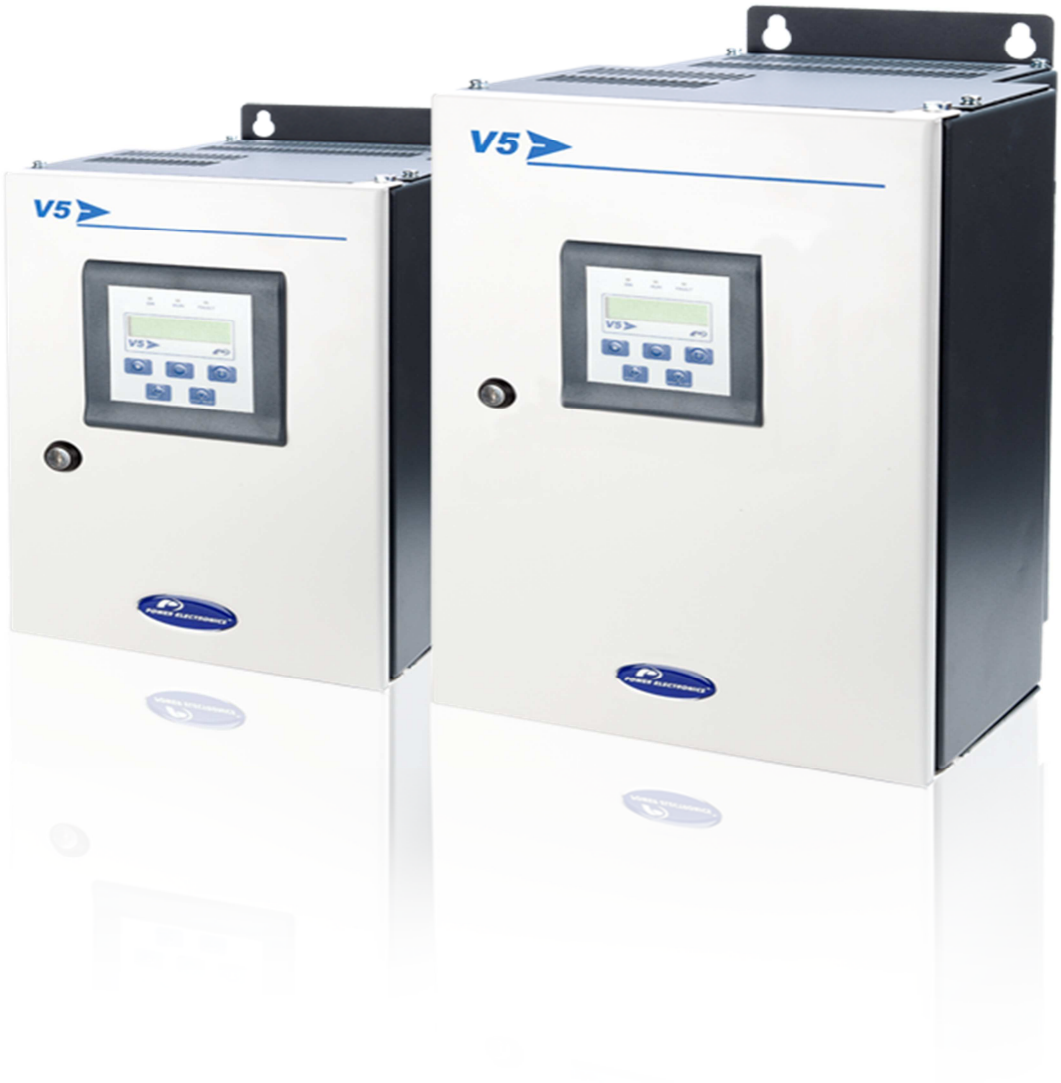
NZ 0800 VSD HELP
(0800 873 4357)
AUS 1800 735 855

# *TYPICAL CONFIGURATIONS V5*

## 3-Wire Start/Stop with Reset with DC Brake

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| CODE | DESCRIPTION | DISPLAY | VALUE (DEFAULT) |
|---|---|---|---|
| | | | |
| | | **NAMEPLATE** | |
| 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) |
| | | | |
| | | **PROTECTIONS** | |
| 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) |
| | | | |
| | | **ACCELERATION** | |
| 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 |
| | | | |
| | | **DECELERATION** | |
| G5.1 | Freewheel Stop | Frewel Stp | (Yes). Set to No for ramped stop |
| G5.2 | Deceleration time | Decl Time | (12). Set to load requirements. |
| | | | |
| | | **INPUTS** | |
| 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 1 for start |
| G6.4 | Digital Input 2 | D Input2 Sel | (0). Set to 2 for stop |
| G6.5 | Digital Input 3 | D Input3 Sel | (0). Set to 5 for reset |
| G6.6 | Digital Input 4 | D input4 Sel | (0). Set to 8 for DC Brake |
| | | | |
| | | **DC BRAKE** | |
| G13.1 | DC Brake Selection | DC Brak Sel | (No). Set to Yes to enable DC Brake |
| G13.2 | DC Current Injection | DC Brak I | (50%). Adjust to suit stopping or hold requirements. |
| G13.3 | DC Brake Time | DC Time | (0s). Adjust to suit stopping or hold requirements |
| G13.4 | Enable external DC Brake | External B | (N). |

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**Control Terminal Connections-**

**DI1 Set for Start N/O**

**DI2 Set for Stop N/C**

**DI3 Set to Reset N/C**

**DI4 Set to DC Brake N/O**