Before installing the VMX-U Configured Soft Starter thoroughly read the VMX-agility™ user manual. To download scan the QR Code to the right or visit motortronics.com (Mobile device friendly).
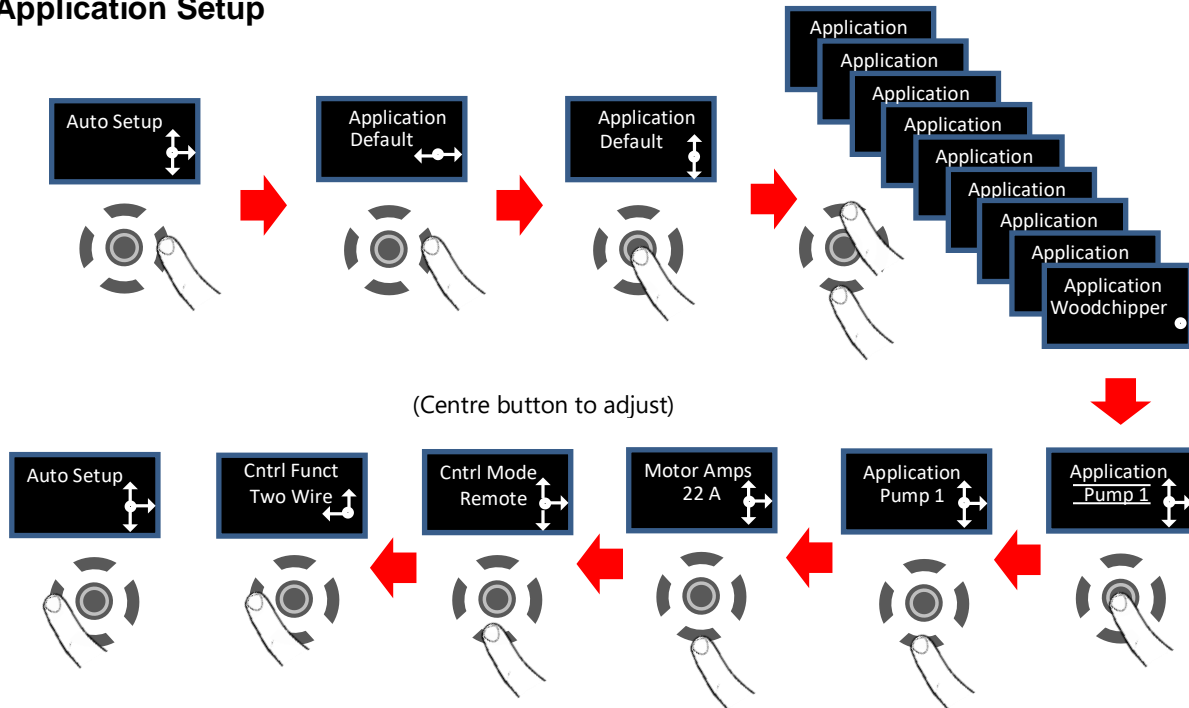
After all electrical connections have been made; apply power to the VMX-U configured soft starter.

IMPORTANT!

Select an application and set motor Full Load Amps by following the **Auto Application Setup** below.

Auto Application Setup

(Centre button to adjust)

Single Phase Operation

The VMX-U can be used with a single-phase supply (L1/L2) and single-phase motor (T1/T2). To select single phase operation, go to the **Advanced** menu, select **Mode** and set **Op Mode** to 1 Phase.
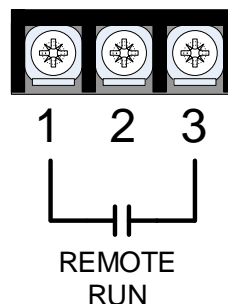
Remote Start / Stop Control connections:
The VMX-P is set up for 2 or 3 wire remote control using dry contacts rated at 120VAC (0.1Amp).

Remote Two Wire Control: Connect a dry (voltage free) maintained contact closure between terminals 1 and 3 of the customer terminal strip as shown below.
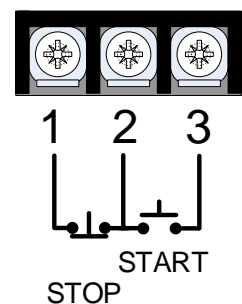
Remote Three Wire Control:
For standard 3-wire control, connect dry (voltage free) contacts for the Stop / Start buttons as shown below of the customer terminal strip. Connect the normally closed "STOP" pushbutton across terminals 1 & 2, and the normally open "START" pushbutton across terminals 2 & 3 of the customer terminal strip. **Note:** the unit can be operated in the "Local" position without any external control.
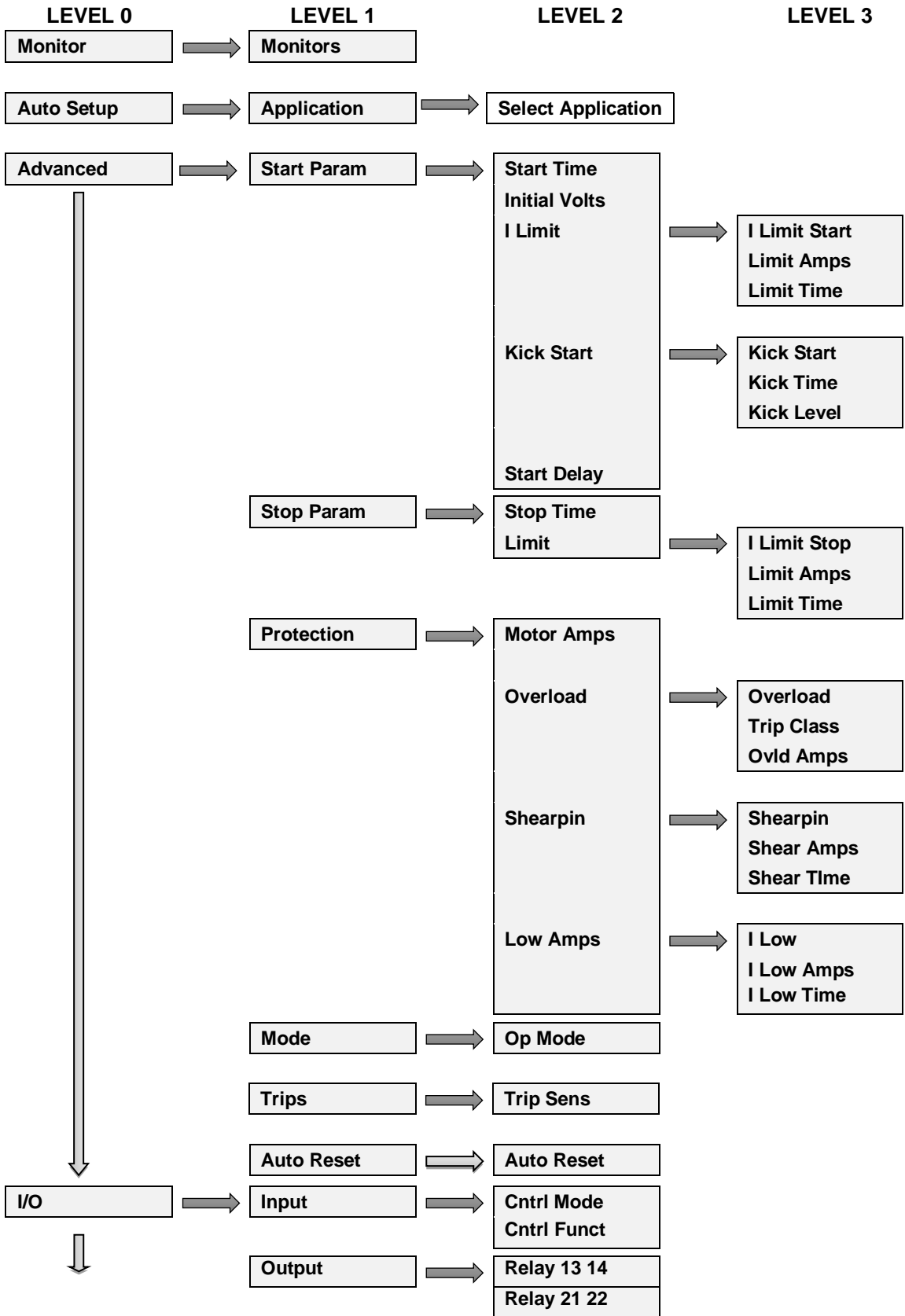

2-WIRE CONTROL: TBC

1 2 3

REMOTE RUN

3-WIRE CONTROL: TBC

1 2 3

START
STOP

Basic Menu Structure (Refer to the VMX-agility™ user manual for full menu structure)

LEVEL 0	LEVEL 1	LEVEL 2	LEVEL 3

Monitor → **Monitors**

Auto Setup → **Application** → **Select Application**

Advanced → **Start Param** → **Start Time**
Initial Volts
I Limit → **I Limit Start**
Limit Amps
Limit Time

Kick Start → **Kick Start**
Kick Time
Kick Level

Start Delay

Stop Param → **Stop Time**
Limit → **I Limit Stop**
Limit Amps
Limit Time

Protection → **Motor Amps**

Overload → **Overload**
Trip Class
Ovld Amps

Shearpin → **Shearpin**
Shear Amps
Shear TIme

Low Amps → **I Low**
I Low Amps
I Low Time

Mode → **Op Mode**

Trips → **Trip Sens**

Auto Reset → **Auto Reset**

I/O → **Input** → **Cntrl Mode**
Cntrl Funct

Output → **Relay 13 14**
Relay 21 22

VMX-U-QSL-120820