1900VFD Menu Update

Application: 1900VFD models using ATV12 VFDs

Purpose:
Changes will allow the VFD to start immediately and accelerate to user defined speed when it receives a closure (input high) of LI1 and 24V.

When the input goes low, the VFD will decelerate and stop and it will go back to keypad control.

Keypad control will be locked out while input is high.   While drive is running, the keypad Stop button is emergency stop. When this occurs, the VFD will go into lockout mode. To clear this, remove closure of LI1 and 24V (input low). Then high voltage power must be cycled off and then on.

Menu Changes:

CONF enter
bFr = 60, (Motor Frequency)
Fr1 = AIUI
ACC = 5 (Acceleration time in seconds)
dEC = 10 (Deceleration time in seconds)
LSP = 20 (Low Speed)
HSP = 60 (High Speed)
nPr = .5 (Motor horsepower…see motor tag)
nCr = 1.6 (Motor Current …see motor tag)
Go to FULL and enter
scroll to drC Menu enter
scroll to nSP = 1735 (Motor RPB…see motor tag)
Ctt = PUNP
Escape to drC, scroll to CtL and enter
FLO = L1H
FLOC = AI1
escape to CtL and scroll to
FUN Menu enter
PSS enter
PS2 = L1H
SP2 = 60

CONF -> FULL -> I_O -> (tCt) changed to LEL.

Speed Setting
CONF -> FULL -> FUN -> SPL -> (LSP) change to 55. (THIS IS THE USER IDENTIFIED SPEED REFERENCE)