

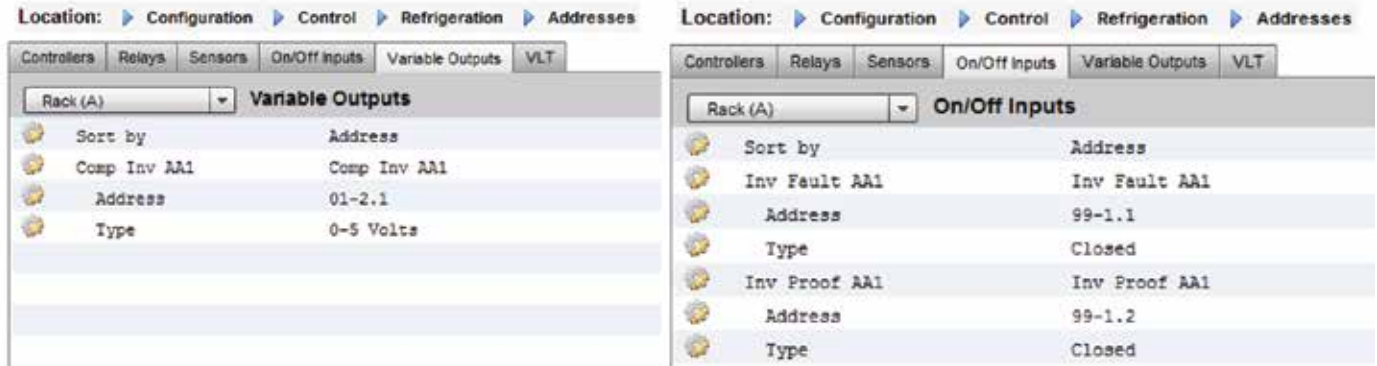
# AK-SM 800 Digital Unloader Programming

1. Under Configuration for Suction Group, set Inverter Control to 'VO'. Ensure min. speed and startup speed are programmed to 30.0.

Location: Configuration Control Refrigeration Suction

Suction	Alarms	Copy	Comp_Sensitivity	Invt_Sensitivity
Suction AA Suction				
PSIG target			0.0 psi	
PSIG Safety cutout			0.0 psi	
Suction Optimization			None	
Night setback			No	
Monitor suction temp			No	
Monitor desuperheat temp			No	
Units			hp	
Compressor type			Reciprocating	
Proof type			None	
Show percentage of total			No	
Compressor size			20.0	
No. of unloaders			0	
Inverter control			VO	
Inverter min. speed			30.0	
Inverter max speed			100.0	
Inverter startup speed			30.0	
RPM at max speed			1000	
Inverter max resets			1	
Inverter proof delay			99 sec	
Min time between resets			10 sec	
Reaction Time				
Compressors			5	
Inverter			5	

2. Under Addresses screens, assign variable output as 'Comp Inv', ensure type is 0-5V.  
For on/off inputs, assign virtual points (i.e. 99-1.1, 99-1.2).



3. Under status screen for suction group, go to 'Service' tab and manually override proof and fault (proof to Manual On, fault to Manual Off).

