ENGINEERING TOMORROW



**Service Guide** 

## Programming a Box Door Refrigeration and Fan Restart (I/O Control) AK-SM 850 / AK-SM 880

ADAP-KOOL® Refrigeration Control System

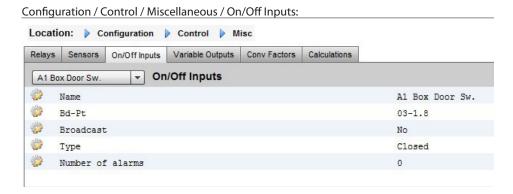


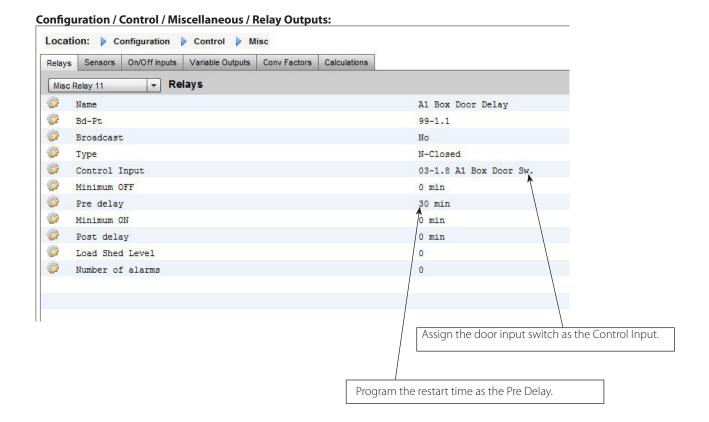


## **Programming notes**

- Assign the Box Door input to Misc On/Off Inputs
- Program a False Relay in Misc Relay Outputs to act as the door restart timer
- Setup a Calculation to replace the door input, program it as the Circuit Door Switch. An open door that exceeds the restart time will override the door input function.
- I/O comm error (offline) alarms for calculations or Misc ROs associated with dummy points will need to be Disabled in Configuration / Alarms / Offline / AK-CM.

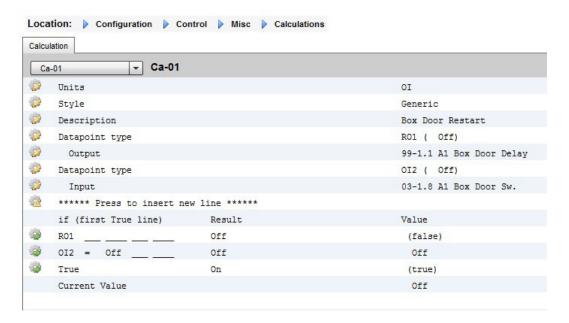
## **Screen shots:**



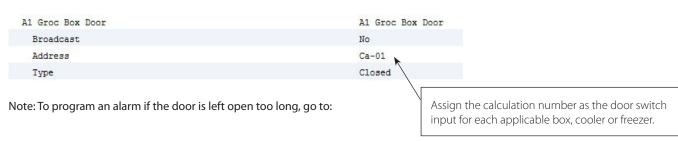




Configuration / Control / Miscellaneous / Calculations:



Configuration / Control / Refrigeration / Addresses / On-Off Inputs:



Configuration / Miscellaneous / Alarms / On-Off Inputs: Select the actual box door switch input, press Enter, add an alarm.





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