



## Introducing the new AK-SC255 'System Controller'

- New hardware design layout
- Secure enclosure design ensures electrical integrity for standards compliance
- Improved placement for cable connection terminals
- VGA colour screen as standard (box style)
- Screen and DIN mount models available
- Built in EKC Modbus, Ethernet, Serial RS232 / 485
- Lonworks® TP78, RS485 & FTT10 versions available

## APPLICATION SOLUTIONS

The new AK-SC255 system represents a flexible and powerful solution for Refrigeration, HVAC, and Lighting control. The design of the AK-SC255 system makes it an ideal fit for all formats, from Convenience Stores to large Hyper-Market style formats. Available in three Lonworks® control bus versions: TP78, RS485 FTT10, the new AK-SC255 offers the following highlights:

- SNMP TCP/ETHERNET
- EKC MODBUS
- RS485 / ETHERNET HOST NETWORK
- EXTERNAL MODEM PORT
- TWO VERSIONS AVAILABLE (SCREEN & DIN)
- UP TO 10 UNITS CAN BE INTERCONNECTED
- ‘VIRTUAL SCREEN’ FOR VIEWING ‘HOST’ UNITS
- MASTER CONTROL (ENERGY OPTIMIZATION)



AK-SC255



AK-SC255D  
DIN Mount

## APPROVALS & SPECIFICATIONS

Approvals



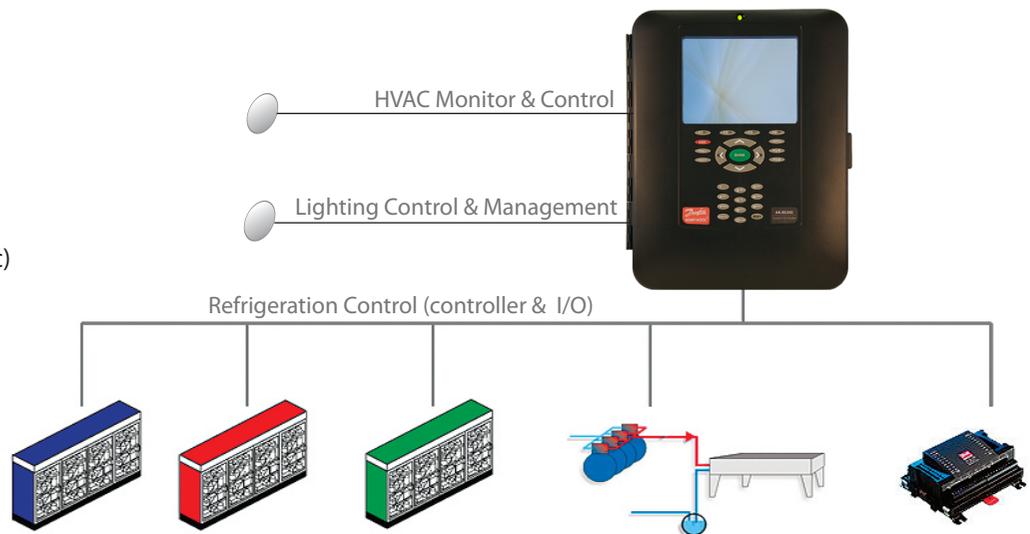
**Environmental Range**

Operating temperature  
Screen: 32 to 104 °F (0 to +40 °C)  
DIN: 32 to 122 °F (0 to +50 °C)  
@ 90% RH (non condensing)

Electrical range  
~ 100 - 240 V a.c. (+ / - 10%)  
50/60 Hz

Built in alarm relay  
30 V d.c. 1 Amp Class 2

*\* Available in TP78, R version type only*



6" (153 mm)



AK-SC255D  
DIN Mounted System Manager

10 1/4" (262 mm)



2 1/4" (59 mm)



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Danfoss Inc., Refrigeration & Air-Conditioning Division, 7941 Corporate Drive, Baltimore, MD 21236 Tel. 410-931-8250, Fax 410-931-8256,  
[www.danfoss.com/North\\_America](http://www.danfoss.com/North_America)

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