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## **Product note**

### **AK-SC 255 and AK-SC 355 series phase out**

Dear Valued Customer:

I am writing to inform you that Danfoss intends to discontinue the manufacture and general sales of the AK-SC 255 and AK-SC 355 front end controllers.

The decision to phase out the AK-SC 255 and AK-SC 355 is due to discontinued availability of various raw components for these products. In addition, the AK-SM 800 series is immediately available and offers improved features and benefits over the AK-SC 255 and AK-SC 355. The recommended replacement front end system is the AK-SM 800 series, which is designed to support the most efficient store solutions on the market today. Please refer to the affected products tables below to reference recommended replacement options.

We realize that our monitoring and control solutions are important to you now and for years to come. To ensure you have the most current version of AK-SC 255 and AK-SC 355 software, please visit the link below.

<http://refrigerationandairconditioning.danfoss.com/support-center/apps-and-software/adap-kool-software/>

At this time, no further software feature development is planned for the AK-SC 255 or AK-SC 355.

Due to increasing difficulties on securing older components, and the additional cost associated with sourcing these last remaining components, Danfoss wishes to inform that the list price of the AK-SC 355 product line will be increased from April 1st 2016, please contact your local Danfoss sales representative for further details. Danfoss recommends customers planning on purchasing / deploying a Danfoss controls front end system to now migrate to the AK-SM 800 series controller.

We would like to take this opportunity in thanking you for your continued trust and loyalty in Danfoss control systems and intend to continually offer leading solutions through new products and innovations.

#### **TIMING**

##### **AK-SC 355**

List Price increase: – April 1<sup>st</sup>, 2016

Last buy: – October 31<sup>st</sup>, 2016

End of Life: – October 31<sup>st</sup>, 2016

##### **AK-SC 255**

List Price increase: – No initial increase but subject to change during 2016

Last buy: – December 30<sup>th</sup>, 2016

End of Life: – December 30<sup>th</sup>, 2016

## WARRANTY AND SERVICE PARTS

Danfoss warrants that all supermarket electronic control Products will be free from defects in materials or workmanship for a period of 18 months following shipment.

Every effort will be made to ensure provision for a suitable level of service support for the AK-SC 255 and AK-SC 355 platforms, for up to 36 months **or** until parts and accessories are no longer available. For service, only one license version will be available per product line (for example AK-SC 255-Screen-Full / AK-SC 355- Screen-Full).

## AFFECTED PRODUCTS

Standard part numbers:

AK-SC 355		Alternative ->	AK-SM 800 series
080Z2545	AK-SC 355, Control TP78-Screen REF	080Z4009	AK-SM 880 TP78 'Retro-fit' [Full store controller]
080Z2546	AK-SC 355, Control TP78-Screen HVAC		
080Z2565	AK-SC 355, Control TP78-Screen Full		
080Z2548	AK-SC 355, Control TP78-Screen C-Store		
080Z2560	AK-SC 355, Control RS485-Screen/Ref	080Z4001	AK-SM 850 [Refrigeration / lighting controller]
080Z2561	AK-SC 355, Control RS485-Screen C-Store	080Z4004	AK-SM 820 [Convenience Store controller]
080Z2564	AK-SC 355, Control RS485-Screen Full	080Z4008	AK-SM 880 [Full store controller]
080Z2568	AK-SC 355, Controller Full RS485 DIN	DIN platform not available on SM800 series	
080Z2562	AK-SC 355, C-Store Control RS485-DIN	DIN platform not available on SM800 series	

AK-SC 255		Alternative ->	AK-SM 800 series
080Z2500	AK-SC 255, Control TP78-Screen REF	080Z4009	AK-SM 880 TP78 'Retro-fit' [Full store controller]
080Z2501	AK-SC 255, Control TP78-Screen HVAC		
080Z2502	AK-SC 255, Control TP78-Screen Full		
080Z2570	AK-SC 255, Control TP78- Screen REF. Single (Single ver. not available in SM 800)		
080Z2572	AK-SC 255, Control TP78- Screen Full Single (Single ver. not available in SM800)		
080Z2503 080Z2544	AK-SC 255, Control TP78-Screen Full/No ETM		
080Z2580	AK-SC 255, TP78 / Refrigeration - DIN	DIN platform not available on SM 800 series	
080Z2582	AK-SC 255, TP78 / FULL – DIN	DIN platform not available on SM 800 series	
080Z2583	AK-SC 255, Control RS485 FULL – DIN	DIN platform not available on SM 800 series	
080Z2530	AK-SC 255 TP78-Screen Alarm Logger	Store alarm view /management option via Danfoss StoreView Desktop application (free application)	
080Z2520	AK-SC 255, Control RS485-Screen REF.	080Z4001	AK-SM 850 [Refrigeration / lighting controller]
080Z2521	AK-SC255, Control RS485-Screen -Full	080Z4008	AK-SM 880 [Full store controller]



**CUSTOM PANEL DESIGN ENCLOSURES**

Any custom panel designs that incorporate AK-SC 255 and AK-SC 355 will be reviewed and where required updated to accommodate the AK-SM 800. Your local Danfoss sales representative will be able to assist in any transition required.

**CUSTOMER SPECIFIC CODE NUMBERS**

A review of any customer specific code numbers will be performed to determine appropriate alternative solution. Your local Danfoss sales representative will be able to provide further guidance.

**ACCESSORIES**

Various accessories associated with the AK-SC 255 (i.e. Modem adapters, cables, etc.) will be phased out in parallel with the AK-SC 255 End of Life. The table below lists the current accessories available for purchase until December 30<sup>th</sup>, 2016 (immediate delivery).

080Z2100	Modem Power Adapter (Includes modem power adapter, cables)
080Z2102	COMM255 Modem Kit (Includes Modem Power Adapter, modem power supply, cables)
080Z0262	255, Service Tool PC Direct Connect Cable
080Z2162	255 Program Loader firmware upgrade kit (PC software & cables)
080Z0267	Serial USB Adapter kit / USB 2.0 to DB 9-pin M connector
080Z2173	AKA65SW - WITH VIP -1 SOFTWARE
080Z2174	AKA65SW SOFTWARE WITHOUT VIP-1
080Z2110	AK255 Serial Interface Kit (for communication to legacy ECI products)

**AK-SC 255 ADD ON LICENSES**

The following licenses which were available for the AK-SC 255 as an upgrade option are now included (as standard) in the AK-SM 880

Original AK-SC 255 additional License upgrade options		AK-SM 800 Series
080Z2202	Munters License	Included in AK-SM 880
080Z2201	Carrier RTU Support (LON only)	Included in AK-SM 880
080Z2203	Lennox Interface License	Included in AK-SM 880
080Z2206	Carrier Modbus License	Included in AK-SM 880
080Z2207	Com-Trol Field Upgrade License	Included in AK-SM 880
080Z2244	Square D PowerLink Modbus License Upgrade	Included in AK-SM 880
080Z2240	Refrigeration Only to Ref. & HVAC-Lighting Licensing Upgrade	See Danfoss sales for details
080Z2241	HVAC-Lighting Only to Ref. & HVAC-Lighting Licensing Upgrade	See Danfoss sales for details

**ADDITIONAL INFORMATION**



DKRCE.PB.L00.C1.22  
overview brochure fro



Best regards,  
Danfoss Refrigeration & Air Conditioning