

Fact Sheet

Detailed overview of ADAP-KOOL™ Case Controllers



With EKE1P you can use a stepper valve

For more detailed information, please see the respective User Guide.

Fact Sheet | Detailed overview of ADAP-KOOL™ Case Controllers

Product type	Hardware inputs												Software/Application												Display							
	Digital inputs	NTC 2000	NTC 2500	NTC 3000	EKS 217 - NTC 5000	EKS 221 - NTC 10000	NTC-M2020	EKS 111 - PTC 1000/PTC 990	AKS11/12/21 - PTC1000 sensor	User-defined	Product seonsor 56	Programming Key (USB)	Modbus option module / external adapter	Modbus built-in	LON RS-485 option module	Real time clock	Clock update via network	HACCP compliance via system	HACCP function (Peak log), log of temp. at power on/off	Suction pressure optimisation, P0	Application selection switches	Adaptive defrost	Coordinated defrost- local (wire connection)	Coordinated defrost via system (system manager)	Hot gas defrost	Second compressor	Heating thermostat	Humidifier on/off control	Remote displays - AK-UI55 (Bluetooth, Set or Info)	Bluetooth connection to AK-CC55 Connect App (via AK-UI55 BLE)	Remote displays - EKA163/164A	
EKC223	2	2			✓	✓		✓	✓			✓ ³⁾	EKA 206									4			✓			✓				
EKC224	2	2			✓	✓		✓	✓			✓ ³⁾	EKA 206									4			✓			✓				
EKC202A	1	2					✓	✓	✓			✓	EKA 178A		EKA 179A	✓	✓	✓			5			✓								
EKC202B	1	2					✓	✓	✓			✓	EKA 178A		EKA 179A	✓	✓	✓			5			✓								
EKC202C	1	2					✓	✓	✓			✓	EKA 178A		EKA 179A	✓	✓	✓			5			✓								
EKC202C-MS	1	2	✓	✓	✓							✓	EKA 178A		EKA 179A	✓	✓	✓			5			✓								
EKC202D	2	3					✓	✓	✓			✓	EKA 178A		EKA 179A	✓	✓	✓			3			✓								✓
EKC302D	2	3					✓	✓	✓			✓	EKA 178B		EKA 175	✓	✓	✓			3			✓								✓
AK-CC210	2	3					✓	✓	✓			✓	EKA 178A		EKA 179A	✓	✓	✓	✓		10			✓	✓	✓	✓					✓
AK-CC250A	2	3					✓	✓	✓			✓		✓		✓	✓	✓	✓		10			✓	✓	✓	✓					✓
AK-CC350	2	3					✓	✓	✓					✓	EKA 175	✓	✓	✓	✓		10			✓	✓	✓	✓					✓
AK-CC55 Water loop	1	5							✓					✓		✓	✓	✓	✓	✓	8			✓	✓	✓	✓		✓			
AK-CC55 Compact	1	5				✓		✓	✓					✓		✓	✓	✓	✓	✓	8			✓	✓	✓	✓		✓			
AK-CC55 Single coil	3	6				✓		✓	✓	✓	✓			✓	AK-OB55 Lon	✓	✓	✓	✓	✓	9	✓		✓	✓	✓	✓		✓			
AK-CC55 Single Coil (UI)	3	6				✓		✓	✓	✓	✓			✓	AK-OB55 Lon	✓	✓	✓	✓	✓	9	✓		✓	✓	✓	✓		✓			
AK-CC55 Single Coil UI - Locked SW	3	6				✓		✓	✓	✓	✓			✓	AK-OB55 Lon	✓	✓	✓	✓	✓	9	✓		✓	✓	✓	✓		✓			
AK-CC55 Multi Coil	3	6				✓		✓	✓					✓	AK-OB55 Lon	✓	✓	✓	✓	✓	5	✓		✓	✓	✓			✓			

³⁾ Koolkey and MPK

For more detailed information, please see the respective User Guide.

Danfoss A/S

Climate Solutions • danfoss.com • +45 7488 2222

Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product.

All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.