

**080G5350****Superheat controller, EKE 1B**

Digital inputs (DI) [pc]: 2, Analog inputs (AI) [pc]: 2, Pressure sensor support: Ratiometric 0.5 - 4 V DC, Frequency [Hz]: 50/60 Hz, Number of temperature sensors: 2, Number of pressure sensors: 1, Communication type: RJ11 (CAN) to User Interface; Modbus RS485 RTU

**PRODUCT DETAILS**

<b>Gross weight</b>	0.256 Kilogram
<b>Net weight</b>	0.134 Kilogram
<b>Volume</b>	1.829 Liter
<b>EAN</b>	5702428964326
<b>Type</b>	EKE 1B
<b>Product group</b>	Electronic valve control
<b>Product Name Description</b>	Superheat controller
<b>Analog inputs (AI) [pc]</b>	2 pc
<b>Analog inputs type</b>	Voltage
<b>Approval</b>	C-TICK CE EAC LLC CDC EURO-TYSK RoHS
<b>Battery back-up [V] DC [max]</b>	24 V
<b>Battery back-up [V] DC [min]</b>	18 V
<b>CE mark</b>	Yes
<b>China RoHS compliance</b>	Yes
<b>China RoHS exemption clause</b>	No
<b>Communication type</b>	Modbus RS485 RTU RJ11 (CAN) to User Interface
<b>Contains batteries</b>	No
<b>Digital inputs (DI) [pc]</b>	2 pc
<b>Digital outputs (DO) [pc]</b>	1 pc
<b>Display - option</b>	MMIGRS2
<b>Display on front</b>	No
<b>Division</b>	01
<b>EEE category</b>	5 small equipment (any external dimension &lt; 50 cm)
<b>Enclosure rating note</b>	IP40 for Housing
<b>EU RoHS compliance</b>	Yes
<b>EU RoHS exemption clause</b>	No
<b>Frequency [Hz]</b>	50/60 Hz
<b>Further information</b>	Shared power supply Signal share via hardwire
<b>Gateway option</b>	MMIMYK
<b>In scope of WEEE</b>	Yes
<b>Mounting method</b>	DIN rail
<b>Number of pressure sensors</b>	1

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**Product Detail | Superheat controller, EKE 1B**
**PRODUCT DETAILS**

<b>Number of temperature sensors</b>	2
<b>Other RoHS documentation</b>	EAEU RoHS
<b>Packing format</b>	Multi pack
<b>PFAS content [Yes/No]</b>	No
<b>Pressure sensor support</b>	Ratiometric 0.5 - 4 V DC
<b>Product accessories</b>	Electron. control accessories
<b>Product features</b>	Alarm management, Capacity signal from master, Defrost Sequence, Ext reference, temp/SH control, Limitation functions, Manual operation, Preset OD, Reversible system with 1 EXV, Service mode, Start up, Superheat reference, Valve driver: Reference of OD
<b>Product Language</b>	Chinese English French German Italian Portuguese Russian Spanish
<b>Programming tools</b>	Koolprog
<b>Quantity per packing format</b>	16 pc
<b>REACH Candidate List substances</b>	No
<b>Serviceable</b>	No
<b>Supply voltage [V] AC</b>	24 V
<b>Supply voltage [V] DC</b>	24 V
<b>Temp. sensor configuration</b>	S2 and S3 or S4
<b>Temp. sensor support</b>	NTC10000
<b>Valve output type</b>	CCM 10, CCM 20, CCM 30, CCM 40, CCMT 0, CCMT 1, CCMT 16, CCMT 2, CCMT 24, CCMT 30, CCMT 4, CCMT 42, CCMT 8, CTR 20, ETS 100, ETS 100C, ETS 12.5, ETS 12C, ETS 24C, ETS 25, ETS 250, ETS 25B, ETS 25C, ETS 400, ETS 50, ETS 50C, ETS 5M, ETS 6, KVS 15, KVS 2C, KVS 3C, KVS 42, KVS 5C

**For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store** [↗](#)

**Accessories**

**080G0073** [↗](#)
**Programming key, MMIMYK**

Function: Programmable Controller, Supply voltage [V] AC: 24, Communication type: TTL; CANBUS; RS485; MODBUS, Packing format: Single pack, Quantity per packing format: 1


**080G0075** [↗](#)
**Electron. control accessories, ACCCBI Cable, U.I. 1.5m, MCX series**

ACCCBI Cable, U.I. 1.5m, Used for product: MCX series, Packing format: Multi pack, Quantity per packing format: 100

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**Accessories**

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**080G0294** [🔗](#)**Control panel, MMIGRS2**

Function: Programmable Controller, Supply voltage [V] AC: 24, Communication type: CANBUS, Packing format: Single pack, Quantity per packing format: 1

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**080G5555** [🔗](#)**Backup power module, EKE 2U**

Supply voltage [V] AC: 24, Approval: UL; RoHS; CE, Max. current output/phase [A]: 2, Used for product: EKE 1A; EKD 316C; EIM 365; EKE 1D; MCX152V; EKE 1C; MCX061V; EKD 316; EKE 1B, Packing format: Multi pack

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**080Z0057** [🔗](#)**Electron. control accessories, AK-PS 063 STEP3 Accessory Power Supply, Power supply**

AK-PS 063 STEP3 Accessory Power Supply, Used for product: Power supply, Packing format: Single pack, Quantity per packing format: 1

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**080Z0058** [🔗](#)**Electron. control accessories, AK-PS 130 STEP3 Accessory Power Supply, Power supply**

AK-PS 130 STEP3 Accessory Power Supply, Used for product: Power supply, Packing format: Single pack, Quantity per packing format: 1

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**080Z0059** [🔗](#)**Electron. control accessories, AK-PS 250 STEP3 Accessory Power Supply, Power supply**

AK-PS 250 STEP3 Accessory Power Supply, Used for product: Power supply, Packing format: Single pack, Quantity per packing format: 1

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