



OMRON E5AN-H Advanced Digital Temperature Controller Instruction Manual

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OMRON E5AN-H Advanced Digital Temperature Controller



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Modifications Notices

Temperature Controllers

Modification Notice of design change which eliminates the infrared communication function of Advanced Digital Temperature Controller Model E5AN-H/E5EN-H series due to discontinuation of USB-Infrared Conversion Cable Model E58-CIFIR.

[Effective Date]

Effective as of our production in August, 2021.

[Applicable Model]

Model E5AN-H/E5EN-H series

< Refer to the " [**Details of applicable model**] " . >

*Discontinue the USB-Infrared Conversion Cable model E58-CIFIR which related to the design change of this product, on the end of March 2022. (For discontinuation notice of infrared conversion cable, refer to No. 2021002CE.)

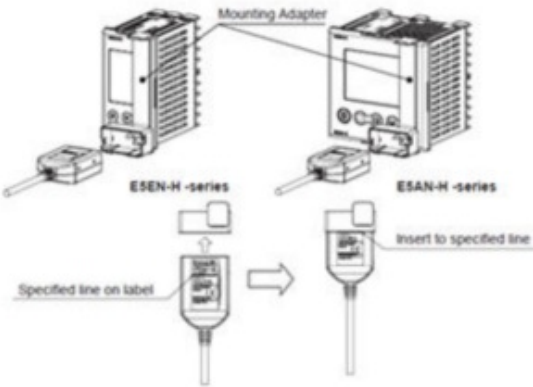
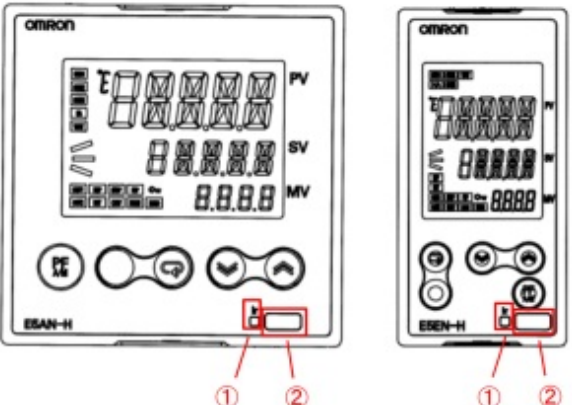
[Reason for change]

Due to the discontinuation of USB-Infrared Conversion Cable Model E58-CIFIR.

[Change of products specification]

Necessary

[Changes]

Before the change	After the change
Infrared communication The communication is enabled on the front, with infrared port using Model E58-CIFIR. Infrared communication between Model E5AN-H/E5EN-H series and Model E58-CIFIR. 	Infrared communication The communication is disabled on the front, with infrared port using Model E58-CIFIR.
Front panel ① Infrared communications enabled indication Yes ② Infrared communications receiver Yes  Instruction manual Description regarding infrared communication Yes	Front panel ① Infrared communications enabled indication Delete ② Infrared communications receiver Delete Instruction manual Description regarding infrared communication Delete

[Details of applicable model]

E5AN-H series

Models	Specification
E5AN-HAA2HB	AC100-240

E5AN-HAA2HB-W	AC100-240
E5AN-HAA2HBD	AC/DC24
E5AN-HAA2HBD-W	AC/DC24
E5AN-HAA2HBM-500	AC100-240
E5AN-HAA2HBM-W-500	AC100-240
E5AN-HAA2HBMD-500	AC/DC24
E5AN-HAA2HBMD-W-500	AC/DC24
E5AN-HAA2HH01B-FLK	AC100-240
E5AN-HAA2HH01B-W-FLK	AC100-240
E5AN-HAA2HH01BD-FLK	AC/DC24
E5AN-HAA2HH01BF-FLK	AC100-240
E5AN-HAA2HH01BFD-FLK	AC/DC24
E5AN-HAA2HH02B-FLK	AC100-240

E5AN-HAA2HH02B-W-FLK	AC100-240
E5AN-HAA2HH02BD-FLK	AC/DC24
E5AN-HAA2HH02BF-FLK	AC100-240
E5AN-HAA2HH03B-FLK	AC100-240
E5AN-HAA2HH03B-W-FLK	AC100-240
E5AN-HAA2HH03BD-FLK	AC/DC24
E5AN-HAA2HH03BF-FLK	AC100-240
E5AN-HAA2HHBB	AC100-240
E5AN-HAA2HHBB-W	AC100-240

Models	Specification
E5AN-HAA2HHBBF	AC100-240
E5AN-HAA2HHBBF-W	AC100-240
E5AN-HAA2HHBBFD	AC/DC24

E5AN-HAA2HHBBFD-W	AC/DC24
E5AN-HAA2HHBF	AC100-240
E5AN-HAA2HHBF-W	AC100-240
E5AN-HAA2HHBFD	AC/DC24
E5AN-HAA2HHBFD-W	AC/DC24
E5AN-HAA2HHBFM-500	AC100-240
E5AN-HAA2HHBFM-W-500	AC100-240
E5AN-HAA2HHBFMD-500	AC/DC24
E5AN-HAA3BFM-500	AC100-240
E5AN-HAA3BFMD-500	AC/DC24
E5AN-HPRR201B-FLK	AC100-240
E5AN-HPRR201BD-FLK	AC/DC24
E5AN-HPRR201BF-FLK	AC100-240
E5AN-HPRR202B-FLK	AC100-240

E5AN-HPRR202BF-FLK	AC100-240
E5AN-HPRR203B-FLK	AC100-240
E5AN-HPRR203BD-FLK	AC/DC24
E5AN-HPRR203BF-FLK	AC100-240
E5AN-HPRR203BFD-FLK	AC/DC24
E5AN-HPRR2BB	AC100-240

Models	Specification
E5AN-HAA2HHBBF	AC100-240
E5AN-HAA2HHBBF-W	AC100-240
E5AN-HAA2HHBBFD	AC/DC24
E5AN-HAA2HHBBFD-W	AC/DC24
E5AN-HAA2HHBF	AC100-240
E5AN-HAA2HHBF-W	AC100-240
E5AN-HAA2HHBFD	AC/DC24
E5AN-HAA2HHBFD-W	AC/DC24

E5AN-HAA2HHBFM-500	AC100-240
E5AN-HAA2HHBFM-W-500	AC100-240
E5AN-HAA2HHBFMD-500	AC/DC24
E5AN-HAA3BFM-500	AC100-240
E5AN-HAA3BFMD-500	AC/DC24
E5AN-HPRR201B-FLK	AC100-240
E5AN-HPRR201BD-FLK	AC/DC24
E5AN-HPRR201BF-FLK	AC100-240
E5AN-HPRR202B-FLK	AC100-240
E5AN-HPRR202BF-FLK	AC100-240
E5AN-HPRR203B-FLK	AC100-240
E5AN-HPRR203BD-FLK	AC/DC24
E5AN-HPRR203BF-FLK	AC100-240
E5AN-HPRR203BFD-FLK	AC/DC24
E5AN-HPRR2BB	AC100-240

E5EN-H series

Models	Specification
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E5EN-HAA2HB	AC100-240
E5EN-HAA2HB-W	AC100-240
E5EN-HAA2HBD	AC/DC24
E5EN-HAA2HBD-W	AC/DC24
E5EN-HAA2HBM-500	AC100-240
E5EN-HAA2HBM-W-500	AC100-240
E5EN-HAA2HBMD-500	AC/DC24
E5EN-HAA2HBMD-W-500	AC/DC24
E5EN-HAA2HH01B-FLK	AC100-240
E5EN-HAA2HH01B-W-FLK	AC100-240
E5EN-HAA2HH01BD-FLK	AC/DC24
E5EN-HAA2HH01BF-FLK	AC100-240
E5EN-HAA2HH01BFD-FLK	AC/DC24
E5EN-HAA2HH02B-FLK	AC100-240
E5EN-HAA2HH02B-W-FLK	AC100-240

E5EN-HAA2HH02BD-FLK	AC/DC24
E5EN-HAA2HH02BF-FLK	AC100-240
E5EN-HAA2HH03B-FLK	AC100-240
E5EN-HAA2HH03B-W-FLK	AC100-240
E5EN-HAA2HH03BD-FLK	AC/DC24
E5EN-HAA2HH03BF-FLK	AC100-240
E5EN-HAA2HHBB	AC100-240
E5EN-HAA2HHBB-W	AC100-240
E5EN-HAA2HHBBF	AC100-240
E5EN-HAA2HHBBF-W	AC100-240
E5EN-HAA2HHBBFD	AC/DC24
E5EN-HAA2HHBBFD-W	AC/DC24

Models	Specification
E5EN-HAA2HB	AC100-240
E5EN-HAA2HB-W	AC100-240

E5EN-HAA2HBD	AC/DC24
E5EN-HAA2HBD-W	AC/DC24
E5EN-HAA2HBM-500	AC100-240
E5EN-HAA2HBM-W-500	AC100-240
E5EN-HAA2HBMD-500	AC/DC24
E5EN-HAA2HBMD-W-500	AC/DC24
E5EN-HAA2HH01B-FLK	AC100-240
E5EN-HAA2HH01B-W-FLK	AC100-240
E5EN-HAA2HH01BD-FLK	AC/DC24
E5EN-HAA2HH01BF-FLK	AC100-240
E5EN-HAA2HH01BFD-FLK	AC/DC24
E5EN-HAA2HH02B-FLK	AC100-240
E5EN-HAA2HH02B-W-FLK	AC100-240
E5EN-HAA2HH02BD-FLK	AC/DC24
E5EN-HAA2HH02BF-FLK	AC100-240

E5EN-HAA2HH03B-FLK	AC100-240
E5EN-HAA2HH03B-W-FLK	AC100-240
E5EN-HAA2HH03BD-FLK	AC/DC24
E5EN-HAA2HH03BF-FLK	AC100-240
E5EN-HAA2HHBB	AC100-240
E5EN-HAA2HHBB-W	AC100-240
E5EN-HAA2HHBBF	AC100-240
E5EN-HAA2HHBBF-W	AC100-240
E5EN-HAA2HHBBFD	AC/DC24
E5EN-HAA2HHBBFD-W	AC/DC24

Models	Specification
E5EN-HAA2HHBF	AC100-240
E5EN-HAA2HHBF-W	AC100-240
E5EN-HAA2HHBFD	AC/DC24

E5EN-HAA2HHBFD-W	AC/DC24
E5EN-HAA2HHBFM-500	AC100-240
E5EN-HAA2HHBFM-W-500	AC100-240
E5EN-HAA2HHBFMD-500	AC/DC24
E5EN-HAA3BFM-500	AC100-240
E5EN-HAA3BFMD-500	AC/DC24
E5EN-HPRR201B-FLK	AC100-240
E5EN-HPRR201BD-FLK	AC/DC24
E5EN-HPRR201BF-FLK	AC100-240
E5EN-HPRR202B-FLK	AC100-240
E5EN-HPRR202BF-FLK	AC100-240
E5EN-HPRR203B-FLK	AC100-240
E5EN-HPRR203BD-FLK	AC/DC24

E5EN-HPRR203BF-FLK	AC100-240
E5EN-HPRR203BFD-FLK	AC/DC24
E5EN-HPRR2BB	AC100-240
E5EN-HPRR2BBD	AC/DC24
E5EN-HPRR2BBF	AC100-240
E5EN-HPRR2BBFD	AC/DC24
E5EN-HPRR2BF	AC100-240
E5EN-HPRR2BFM-500	AC100-240
E5EN-HPRR2BFMD-500	AC/DC24
E5EN-HPRR2BM-500	AC100-240
E5EN-HPRR2BMD-500	AC/DC24

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

Produktabkündigung des USB-Infrarot Wandlerkabels E58-CIFIR sowie Modifikation der Produktreihen E5AN-H und E5EN-H

Sehr geehrte Damen und Herren,

hiermit informieren wir Sie über die Abkündigung des USB-Infrarot Wandlerkabels E58- CIFIR zum **31. März 2022**. Als Alternative empfehlen wir unser USB-Seriell Wandlerkabel E58-CIFQ1.

Aufgrund dieser Abkündigung werden alle Modelle der Reihen E5AN-H sowie E5EN-H ab August 2021 ohne Infrarot-Schnittstelle produziert.

Bei weiteren Fragen steht Ihnen selbstverständlich der für Sie zuständige Vertriebsingenieur oder unser Technical Support Team jederzeit gern beratend zur Seite.

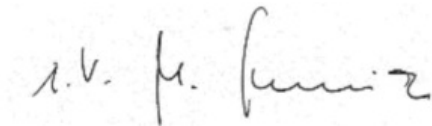
Technical Support Components

Mail.: cr.components@omron.com

Tel. : +49 (0) 2173 6800 590

Mit freundlichen Grüßen

Omron Electronics GmbH



i. V. Mathias Schneider
Teamleader Technical Support
DACH



i. A. Thomas Brockmann
Product Specialist Components
DACH

Product Discontinuation Notices

Temperature Controllers

Discontinuation Notice of USB-Infrared Conversion Cable Model E58-CIFIR, optional product of Advanced Digital Temperature Controller Model E5AN-H/E5EN-H series.

Product Discontinuation USB-Infrared Conversion Cable  Model E58-CIFIR	Recommended Replacement USB-Serial Conversion Cable  Model E58-CIFQ1
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[Final order entry date]

The end of March, 2022

[Date of The Last Shipping]

The end of June, 2022

* Due to the discontinuation of this product, eliminate the function of infrared communication which is installed Advanced Digital Temperature Controller Model E5AN-H/E5EN-H series.
(For the design change of temperature controllers, ask your OMRON sales representatives.)

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
E58-CIFQ1	**	*	—	—	**	**	**

** : Compatible

* : The change is a little/Almost compatible

— : Not compatible

— : No corresponding specification

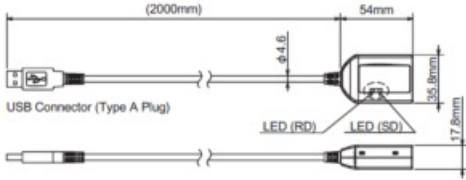
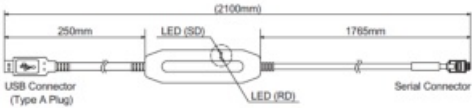
[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
E58-CIFIR	E58-CIFQ1

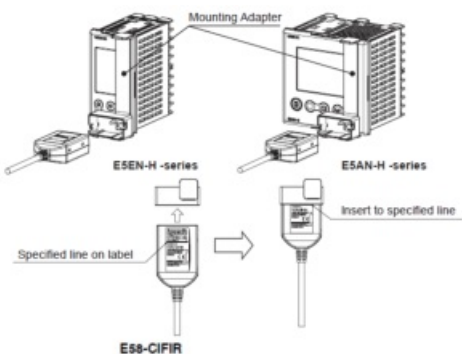
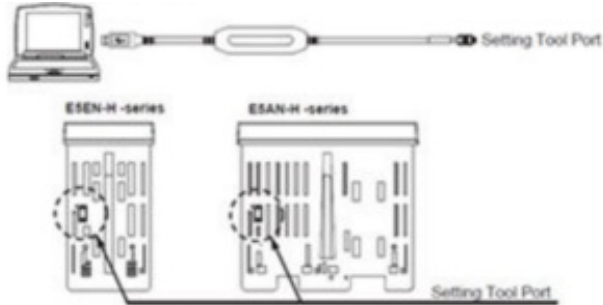
[Body color]

Product discontinuation Model E58-CIFIR	Recommendable replacement Model E58-CIFQ1
Black 	Black (Change the shape) 

[Dimensions / Mounting dimensions]

Product discontinuation Model E58-CIFIR	Recommendable replacement Model E58-CIFQ1
	

[Wire connection]

Product discontinuation Model E58-CIFIR	Recommendable replacement Model E58-CIFQ1
Model E5EN-H series or E5AN-H series - Connecting to the Temperature Controller  Connection to product - Use infrared communication.	Model E5EN-H series or E5AN-H series - Connecting to the Temperature Controller Personal computer USB port  Bottom View of ESXN/ESCN-U/ESEN/ESAN-series Temperature Controller Connection to product - Use connector communication.

[Characteristics]

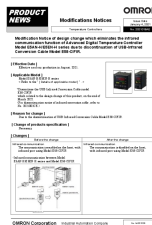
Item	Product discontinuation Model E58-CIFIR	Recommendable replacement Model E58-CIFQ1
Applicable OS	Windows XP/Vista/7/8/8.1/10	Windows XP/Vista/7/8/8.1/10
Applicable software	CX-Thermo Ver. 4.3 or higher	Thermo Mini, CX-Thermo Ver. 4.3 or higher
Applicable models	E5AN-H, E5EN-H series	EJ1, E5CN-H, E5AN-H, E5EN-H series
USB interface standard	Conforms to USB Specification 2.0.	Conforms to USB Specification 2.0.
DTE speed	38,400 bps	38,400 bps

Connector specifications	Computer : USB (type A plug) Temperature Controller: IR port	Computer : USB (type A plug) Temperature Controller: Serial
Power supply	Bus power (Supplied from USB host controller.)	Bus power (Supplied from USB host controller.)
Power supply voltage	5 VDC	5 VDC
Current consumption	80 mA	70 mA
Ambient temperature range	Operating : 0°C to 55°C Stored : -20°C to 60°C (with no icing or condensation)	Operating : 0°C to 55°C Stored : -20°C to 60°C (with no icing or condensation)
Ambient humidity range	Operating : 10% to 80% (with no condensation)	Operating : 10% to 80% (with no condensation)
Weight	Approx. 130 g (including the Mounting Adapter)	Approx. 100 g

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Documents / Resources

	OMRON E5AN-H Advanced Digital Temperature Controller [pdf] Instruction Manual E5AN-H, Advanced Digital Temperature Controller
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