

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50408257

Blatt *Sheet*
0006

Ihr Zeichen *Client Reference*
K.S.

Unser Zeichen *Our Reference*
ZJL-MAS-50102746 003

Ausstellungsdatum *Date of Issue*
14.02.2024 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Hirose Electric Co., Ltd.
2-6-3 Nakagawa-Chuo, Tsuzuki-ku
Yokohama-shi, Kanagawa
224-8540 Japan

Fertigungsstätte *Manufacturing Plant*

Ichinoseki Hirose Electric Co., Ltd.
14-36 Higashidai
Ichinoseki-shi, Iwate
021-0822 Japan

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1419058405

Geprüft nach *Tested acc. to*
EN 60947-7-1:2009
IEC 60947-7-1:2009

Zertifiziertes Produkt (Geräteidentifikation) *Certified Product (Product Identification)*

Lizenzentgelte - Einheit *License Fee - Unit*

Terminal Block (electrical) Screw and Screw less Terminal Block, as page 0001

Addition

for Type Designation EF2-xvyuzt

Value for suffix u: BA

(x = D, v = Blank, y = 30 or 60,
z = -1, t = Blank or (01)-(99))

Number of Poles: 1
Rated Insulated Voltage: AC/DC 600V
Rated Current (Ith): 16A to 70A (see Appendix 1.2)
Overvoltage Category: III
Rated Withstand Impulse Voltage: 6kVpeak
Pollution Degree: 3
Protection Degree: IP00
Rated Connecting Capacity: (see Appendix 1.2)
Lower/Upper Limit Temperature: -25°C/ +105°C
Max. Ambient Temperature at Ith: 60°C



ANLAGE (Appendix): 1.2

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Zertifizierungsstelle

Vilmos Sztaroveczki

Constructional Data Form: Terminal Block

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Licenseholder : Hirose Electric Co., Ltd.
2-6-3 Nakagawa Chuoh Tsuzuki-ku Yokohama-Shi, Kanagawa 224-8540 Japan

Factory : Ichinoseki Hirose Electric Co., Ltd.

(full address) 14-36 Higashidai, Ichinoseki-shi, Iwate 021-0822 Japan

Kind of device: Screw and Screw less terminal block

Type or Model Number : EF2-DH150-*, EF2-DH250-1, EF2-D30B-1, EF2-D60B-1, **EF2-D30BA-1, EF2-D60BA-1**,
EF2A-D150B-*, EF2A-D200B-1, EF2A-D250B-1, EF2A-D400B-1, EF2A-DH150B-*,
EF2A-DH200B-1, EF2A-DH250B-1, EF2A-DH400B-1

Kind of device: Spring-force and screw terminal block

Specifications - 1						
Type designation		EF2-D30-1	EF2-D60-1	EF2-D150-*	EF2-D250-1	EF2-D400-1
Type of clamping units		Screw less-type				
Number of poles		1	1	1 to 5	1	1
Rated insulated voltage		AC/DC 600V	AC/DC 600V	AC/DC 600V	AC 1000V, DC 1500V	AC 1000V, DC 1500V
Rated Current	1.25 mm ² conductor	16A	—	—	—	—
	2 mm ² conductor	21A	—	—	—	—
	3.5 mm ² conductor	30A	—	—	—	—
	5.5 mm ² conductor	40A	40A	—	—	—
	8 mm ² conductor	—	50A	—	—	—
	14 mm ² conductor	—	70A	—	—	—
	22 mm ² conductor	—	—	94A	—	—
	38 mm ² conductor	—	—	132A	—	—
	60 mm ² conductor	—	—	175A	—	—
	150 mm ² conductor	—	—	—	310A	—
	200 mm ² conductor	—	—	—	—	400A
Rated Frequency (Hz)		50/60	50/60	50/60	50/60	50/60
Upper limit temperature (preservation)		105°C	105°C	105°C	105°C	105°C
Lower limit temperature (preservation)		-25°C	-25°C	-25°C	-25°C	-25°C
Max. ambient temp. at rated current		60°C	60°C	60°C	60°C	60°C
Overvoltage category / Uimp		III/6kVpeak	III/6kVpeak	III/6kVpeak	III/10kVpeak	III/10kVpeak
Pollution degree		3				
IP code		IP00				

TÜV Rheinland

2024 Feb. 14

(Date)

M. Masuda

(Signature)

Tokyo, Japan

(Place)

14 February 2024

(Date)

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Constructional Data Form: Terminal Block

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Type Designation/Model No.	EF2-D30-1	EF2-D60-1	EF2-D150-*	EF2-D250-1	EF2-D400-1	
Method of fixing the terminal block to the support	DIN rail mount					
Kind of conductor	☒ Pre-prepared conductor: JIS C 2806 lugs ☐ Un-prepared conductor					
max. Number of conductors per clamping unit	1					
Rated cross-section area:	5.5 mm ²	14 mm ²	60 mm ²	150 mm ²	200 mm ²	
Rated Connecting Capacity	Minimum:	1.25mm ²	5.5 mm ²	22 mm ²	150 mm ²	200 mm ²
	JIS C 2805 Lug size:	R1.25-5	R5.5-5 R5.5-6	R22-8 R22-10 R22-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16
	Maximum:	5.5 mm ²	14 mm ²	60 mm ²	150 mm ²	200 mm ²
	JIS C 2805 Lug size:	R5.5-4	R14-5	R60-8 R60-10 R60-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16
Parts and Material of clamping units (Screwless Type)	☒ Fixed part: Copper, Tin plated ☒ Clamping plate: Stainless steel ☒ Locking means					

Specifications – 2a						
Type designation	EF2-DH150-*	EF2-DH250-1	EF2-DH400-1	EF2-D30B-1 EF2-D30BA-1	EF2-D60B-1 EF2-D60BA-1	
Type of clamping units	☒ screw-type ☒ screwless-type			☐ screw-type ☒ screwless-type		
Number of poles	1 to 5	1	1	1	1	
Rated insulated voltage	AC/DC 600V	AC 1000V, DC 1500V	AC 1000V, DC 1500V	AC/DC 600V	AC/DC 600V	
Rated Current	1.25 mm ² conductor	—	—	16A	—	
	2 mm ² conductor	—	—	21A	—	
	3.5 mm ² conductor	—	—	30A	—	
	5.5 mm ² conductor	—	—	40A	40A	
	8 mm ² conductor	—	—	—	50A	
	14 mm ² conductor	—	—	—	70A	
	22 mm ² conductor	94A	—	—	—	
	38 mm ² conductor	132A	—	—	—	
	60 mm ² conductor	175A	—	—	—	
	150 mm ² conductor	—	310A	—	—	
	200 mm ² conductor	—	—	400A	—	
Rated Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	

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Constructional Data Form: Terminal Block

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Specifications – 2a (CONT' D)						
Type designation	EF2-DH150-*	EF2-DH250-1	EF2-DH400-1	EF2-D30B-1 EF2-D30BA-1	EF2-D60B-1 EF2-D60BA-1	
Upper limit temperature (preservation)	105°C	105°C	105°C	105°C	105°C	
Lower limit temperature (preservation)	-25°C	-25°C	-25°C	-25°C	-25°C	
Max. ambient temp. at rated current	60°C	60°C	60°C	60°C	60°C	
Overvoltage category / Uimp	III/6kVpeak	III/10kVpeak	III/10kVpeak	III/6kVpeak	III/6kVpeak	
Pollution degree	3					
IP code	IP00					
Method of fixing the terminal block to the support	DIN rail mount					
Kind of applicable conductor	☒ Pre-prepared conductor: JIS C 2806 lugs ☐ Un-prepared conductor					
max. Number of conductors per clamping unit	1					
Rated cross-section area:	60 mm ²	150 mm ²	200 mm ²	5.5 mm ²	14 mm ²	
Rated Connecting Capacity	Minimum:	22 mm ²	150 mm ²	200 mm ²	1.25mm ²	5.5 mm ²
	JIS C 2805 Lug size:	R22-8 R22-10 R22-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16	R1.25-5	R5.5-5
	Maximum:	60 mm ²	150 mm ²	200 mm ²	5.5 mm ²	14 mm ²
	JIS C 2805 Lug size:	R60-8 R60-10 R60-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16	R5.5-4	R14-5
Parts and Material of clamping units (Screw Type):	Stainless steel M8 screw (6N.m) With Flat & Spring washer	Stainless steel M12 screw (14N.m), With Flat & Spring washer	Stainless steel M12 screw (14N.m), With Flat & Spring washer	N/A	N/A	
Parts and Material of clamping units (Screw-less Type)	☒ Fixed part: Copper, Tin plated ☒ Clamping plate: Stainless steel ☒ Locking means:			☒ Fixed part: Copper, Tin plated ☒ Clamping plate: Stainless steel ☒ Locking means:		

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Constructional Data Form: Terminal Block

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Specifications – 2b					
Type designation	EF2A-D150B-*	EF2A-D200B-1	EF2A-D250B-1	EF2A-D400B-1	
Type of clamping units	☐ screw-type ☒ screwless-type				
Number of poles	1 to 5	1	1	1	
Rated insulated voltage	AC/DC 600V	AC 1000V, DC 1500V	AC 1000V, DC 1500V	AC 1000V, DC 1500V	
Rated Current	1.25 mm ² conductor	—	—	—	
	2 mm ² conductor	—	—	—	
	3.5 mm ² conductor	—	—	—	
	5.5 mm ² conductor	—	—	—	
	8 mm ² conductor	—	—	—	
	14 mm ² conductor	—	—	—	
	22 mm ² conductor	94A	—	—	
	38 mm ² conductor	132A	—	—	
	60 mm ² conductor	175A	175A	—	
	100 mm ² conductor	—	240A	—	
	150 mm ² conductor	—	—	310A	
	200 mm ² conductor	—	—	—	
Rated Frequency (Hz)	50/60	50/60	50/60	50/60	
Upper limit temperature (preservation)	105°C	105°C	105°C	105°C	
Lower limit temperature (preservation)	-25°C	-25°C	-25°C	-25°C	
Max. ambient temp. at rated current	60°C	60°C	60°C	60°C	
Overvoltage category / Uimp	III/6kVpeak	III/10kVpeak	III/10kVpeak	III/10kVpeak	
Pollution degree	3				
IP code	IP00				

Type Designation/Model No.	EF2A-D150B-*	EF2A-D200B-1	EF2A-D250B-1	EF2A-D400B-1	
Method of fixing the terminal block to the support	DIN rail mount				
Kind of conductor	☒ Pre-prepared conductor: JIS C 2806 lugs ☐ Un-prepared conductor				
max. Number of conductors per clamping unit	1				
Rated cross-section area:	60 mm ²	100 mm ²	150 mm ²	200 mm ²	
Rated Connecting Capacity	Minimum:	22 mm ²	60 mm ²	150 mm ²	200 mm ²
	JIS C 2805 Lug size:	R22-8 R22-10 R22-12	R60-10 R60-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16

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Constructional Data Form: Terminal Block

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	Maximum:	60 mm ²	100 mm ²	150 mm ²	200 mm ²	
	JIS C 2805 Lug size:	R60-8 R60-10 R60-12	R100-10 R100-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16	
Parts and Material of clamping units (Screw-less Type)		☒ Fixed part: Copper, Tin plated ☒ Clamping plate: Stainless steel ☒ Locking means: Note : lug terminal fitted with prop orate insulation tubing to keep sufficient clearance between poles.				

Specifications – 2c					
Type designation		EF2A-DH150B-*	EF2A-DH200B-1	EF2A-DH250B-1	EF2A-DH400B-1
Type of clamping units		☒ screw-type ☒ screwless-type			
Number of poles		1	1	1 to 5	1
Rated insulated voltage		AC/DC 600V	AC 1000V, DC 1500V	AC 1000V, DC 1500V	AC 1000V, DC 1500V
Rated Current	1.25 mm ² conductor	—	—	—	—
	2 mm ² conductor	—	—	—	—
	3.5 mm ² conductor	—	—	—	—
	5.5 mm ² conductor	—	—	—	—
	8 mm ² conductor	—	—	—	—
	14 mm ² conductor	—	—	—	—
	22 mm ² conductor	94A	—	—	—
	38 mm ² conductor	132A	—	—	—
	60 mm ² conductor	175A	175A	—	—
	100 mm ² conductor	—	240A	—	—
Rated Frequency (Hz)	150 mm ² conductor	—	—	310A	—
	200 mm ² conductor	—	—	—	400A
Rated Frequency (Hz)		50/60	50/60	50/60	50/60
Upper limit temperature (preservation)		105°C	105°C	105°C	105°C
Lower limit temperature (preservation)		-25°C	-25°C	-25°C	-25°C
Max. ambient temp. at rated current		60°C	60°C	60°C	60°C
Overvoltage category / Uimp		III/6kVpeak		III/10kVpeak	III/10kVpeak
Pollution degree		3			
IP code		IP00			

Type Designation/Model No.	EF2A-DH150B-*	EF2A-DH200B-1	EF2A-DH250B-1	EF2A-DH400B-1	
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Constructional Data Form: Terminal Block

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Method of fixing the terminal block to the support		DIN rail mount				
Kind of conductor		☒ Pre-prepared conductor: JIS C 2806 lugs ☐ Un-prepared conductor				
max. Number of conductors per clamping unit		1				
Rated cross-section area:		60 mm ²	100 mm ²	150 mm ²	200 mm ²	
Rated Connecting Capacity	Minimum:	22 mm ²	60 mm ²	150 mm ²	200 mm ²	
	JIS C 2805 Lug size:	R22-8 R22-10 R22-12	R60-10 R60-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16	
	Maximum:	60 mm ²	100 mm ²	150 mm ²	200 mm ²	
	JIS C 2805 Lug size:	R60-8 R60-10 R60-12	R100-10 R100-12	R150-12 R150-14 R150-16	R200-12 or R200-12S R200-14 R200-16	
Parts and Material of clamping units (Screw Type):		Stainless steel M8 screw (6N.m) With Flat & Spring washer	Stainless steel M10 screw (10N.m), With Flat & Spring washer	Stainless steel M12 screw (14N.m), With Flat & Spring washer	Stainless steel M12 screw (14N.m), With Flat & Spring washer	
Parts and Material of clamping units (Screw-less Type)		☒ Fixed part: Copper, Tin plated ☒ Clamping plate: Stainless steel ☒ Locking means:--				

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Constructional Data Form: Terminal Block

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Insulation system-1																						
Insulation according to the rated voltage specified (PD 3, OVC III, MG IIIa)	<i>pole-pole</i> <i>live parts - mounting support</i>	: ☒ basic ☐ reinforced : ☐ basic ☒ reinforced																				
Withstand voltage:	<i>pole-pole</i> <i>live parts - mounting support</i>	: AC2500V(EF2-30、EF2-60、EF2-150) AC5000V(EF2-250、EF2-400) : AC5000V(EF2-30、EF2-60、EF2-150) AC10000V(EF2-250、EF2-400)																				
Minimum creepage distances	<i>pole-pole</i> : <table><tbody><tr><td>EF2-D30-1</td><td>14.8mm</td></tr><tr><td>EF2-D60-1</td><td>12.85mm</td></tr><tr><td>EF2-D150-※</td><td>28.55mm</td></tr><tr><td>EF2-D250-1</td><td>47.16mm</td></tr><tr><td>EF2-D400-1</td><td>35.56mm</td></tr></tbody></table> <i>live parts - mounting support</i> : <table><tbody><tr><td>EF2-D30-1</td><td>25.0mm</td></tr><tr><td>EF2-D60-1</td><td>27.2mm</td></tr><tr><td>EF2-D150-※</td><td>28.7mm</td></tr><tr><td>EF2-D250-1</td><td>56.0mm</td></tr><tr><td>EF2-D400-1</td><td>61.0mm</td></tr></tbody></table>	EF2-D30-1	14.8mm	EF2-D60-1	12.85mm	EF2-D150-※	28.55mm	EF2-D250-1	47.16mm	EF2-D400-1	35.56mm	EF2-D30-1	25.0mm	EF2-D60-1	27.2mm	EF2-D150-※	28.7mm	EF2-D250-1	56.0mm	EF2-D400-1	61.0mm	
EF2-D30-1	14.8mm																					
EF2-D60-1	12.85mm																					
EF2-D150-※	28.55mm																					
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EF2-D60-1	27.2mm																					
EF2-D150-※	28.7mm																					
EF2-D250-1	56.0mm																					
EF2-D400-1	61.0mm																					
Minimum clearances	<i>pole-pole</i> : <table><tbody><tr><td>EF2-D30-1</td><td>14.8mm</td></tr><tr><td>EF2-D60-1</td><td>12.85mm</td></tr><tr><td>EF2-D150-※</td><td>19.53mm</td></tr><tr><td>EF2-D250-1</td><td>28.38mm</td></tr><tr><td>EF2-D400-1</td><td>29.54mm</td></tr></tbody></table> <i>live parts - mounting support</i> : <table><tbody><tr><td>EF2-D30-1</td><td>25.0mm</td></tr><tr><td>EF2-D60-1</td><td>27.2mm</td></tr><tr><td>EF2-D150-※</td><td>28.7mm</td></tr><tr><td>EF2-D250-1</td><td>56.0mm</td></tr><tr><td>EF2-D400-1</td><td>61.0mm</td></tr></tbody></table>	EF2-D30-1	14.8mm	EF2-D60-1	12.85mm	EF2-D150-※	19.53mm	EF2-D250-1	28.38mm	EF2-D400-1	29.54mm	EF2-D30-1	25.0mm	EF2-D60-1	27.2mm	EF2-D150-※	28.7mm	EF2-D250-1	56.0mm	EF2-D400-1	61.0mm	
EF2-D30-1	14.8mm																					
EF2-D60-1	12.85mm																					
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EF2-D30-1	25.0mm																					
EF2-D60-1	27.2mm																					
EF2-D150-※	28.7mm																					
EF2-D250-1	56.0mm																					
EF2-D400-1	61.0mm																					

Insulation system – 2

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Constructional Data Form: Terminal Block

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Insulation according to the rated voltage specified (PD 3, OVC III, MG IIIa)	<i>pole-pole</i> : ☒ basic ☐ reinforced <i>live parts - mounting support</i> : ☐ basic ☒ reinforced																																																				
Withstand voltage:	<i>pole-pole</i> : AC2500V(EF2-30、EF2-60、EF2-150) : AC5000V(EF2-200、EF2-250、EF2-400) <i>live parts - mounting support</i> : AC5000V(EF2-30、EF2-60、EF2-150) AC10000V(EF2-200、EF2-250、EF2-400)																																																				
Minimum creepage distances	<i>pole-pole</i> (mm) <table><tr><td>EF2-DH150</td><td>28.55</td></tr><tr><td>EF2-DH250</td><td>47.16</td></tr><tr><td>EF2-DH400</td><td>35.56</td></tr><tr><td>EF2-D30B</td><td>14.85</td></tr><tr><td>EF2-D60B</td><td>12.85</td></tr><tr><td>EF2A-D150B</td><td>28.55</td></tr><tr><td>EF2A-D200B</td><td>32.5</td></tr><tr><td>EF2A-D250B</td><td>47.16</td></tr><tr><td>EF2A-D400B</td><td>35.56</td></tr><tr><td>EF2A-DH150B</td><td>28.55</td></tr><tr><td>EF2A-DH200B</td><td>32.5</td></tr><tr><td>EF2A-DH250B</td><td>47.16</td></tr><tr><td>EF2A-DH400B</td><td>35.56</td></tr></table> : <i>live parts - mounting support</i> (mm) <table><tr><td>EF2-DH150</td><td>19</td></tr><tr><td>EF2-DH250</td><td>34.5</td></tr><tr><td>EF2-DH400</td><td>38.5</td></tr><tr><td>EF2-D30B</td><td>17</td></tr><tr><td>EF2-D60B</td><td>16</td></tr><tr><td>EF2A-D150B</td><td>19</td></tr><tr><td>EF2A-D200B</td><td>40</td></tr><tr><td>EF2A-D250B</td><td>37.3</td></tr><tr><td>EF2A-D400B</td><td>41.3</td></tr><tr><td>EF2A-DH150B</td><td>19</td></tr><tr><td>EF2A-DH200B</td><td>38</td></tr><tr><td>EF2A-DH250B</td><td>34.5</td></tr><tr><td>EF2A-DH400B</td><td>38.5</td></tr></table>	EF2-DH150	28.55	EF2-DH250	47.16	EF2-DH400	35.56	EF2-D30B	14.85	EF2-D60B	12.85	EF2A-D150B	28.55	EF2A-D200B	32.5	EF2A-D250B	47.16	EF2A-D400B	35.56	EF2A-DH150B	28.55	EF2A-DH200B	32.5	EF2A-DH250B	47.16	EF2A-DH400B	35.56	EF2-DH150	19	EF2-DH250	34.5	EF2-DH400	38.5	EF2-D30B	17	EF2-D60B	16	EF2A-D150B	19	EF2A-D200B	40	EF2A-D250B	37.3	EF2A-D400B	41.3	EF2A-DH150B	19	EF2A-DH200B	38	EF2A-DH250B	34.5	EF2A-DH400B	38.5
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TÜV Rheinland

2024 Feb. 14

(Date)

In Masuda

(Signature)

Tokyo, Japan

(Place)

14 February 2024

(Date)

Hirose Electric Co., Ltd. Kenichi SATO

(Stamp and Signature of Applicant)

K. Sato



Constructional Data Form: Terminal Block

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Minimum clearances

pole-pole (mm)

EF2-DH150	19.53
EF2-DH250	28.38
EF2-DH400	29.54
EF2-D30B	14.85
EF2-D60B	12.85
EF2A-D150B	19.53
EF2A-D200B	32.5
EF2A-D250B	28.38
EF2A-D400B	29.54
EF2A-DH150B	19.53
EF2A-DH200B	32.5
EF2A-DH250B	28.38
EF2A-DH400B	29.54

:

live parts - mounting support (mm)

EF2-DH150	19
EF2-DH250	34.5
EF2-DH400	38.5
EF2-D30B	17
EF2-D60B	16
EF2A-D150B	19
EF2A-D200B	40
EF2A-D250B	37.3
EF2A-D400B	41.3
EF2A-DH150B	19
EF2A-DH200B	38
EF2A-DH250B	34.5
EF2A-DH400B	38.5

Plastic Materials

Part	Material	Type designation Manufacturer	RTI	Flammability	Material group
Block (body)	PPE	540Z-A1A3301	110°C	V-0	I
Lock pin	PBT	NOVADURAN 5010GN1-30AM Mitsubishi Engineering-Plastics Corporation	130°C	V-0	III a
		1184G-A30 Toray industries INC.	130°C	V-0	III a

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Constructional Data Form: Terminal Block

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Type Nomenclature: (original models)

EF2 w-x y - z
(1) (2) (3) (4) (5)

(1) : Series name

(2) w : blank

(3) x: Attachment type
D : DIN-rail type

(4) y: Current
30, 60, 150, 250, 400

(5) z: The number of connection
1 (y=30, 60, 150, 250, or 400) or 5(y=150)

TYPE NOMENCLATURE:(additional model)

EF2 -x v y u z t
(1) (3) (6) (4) (7) (5) (8)

(1) : Series name
EF2: Released by pressing the lock type

(3) x: Attachment type
D : DIN-rail type

(6) v: Connection type
Blank: Spring to spring type
H: Spring to screw type(y=150, 250, 400)

(4) y: Current
30, 60, 150, 250, 400

(7) u: With or without protector
Blank: without protector
B or **BA**: with protector design (y=30 or 60)

(5) z: The number of connection
-1 (y=30, 60, 250, or 400) or -1 to -5(y=150)

(8) t: Other specifications
Customer Specifications – (01)-(99) or none, denoting packaging

TYPE NOMENCLATURE:(additional model)

TÜV Rheinland

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M. Masuda

(Signature)

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Constructional Data Form: Terminal Block

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EF2A-D s t u v w x y z
(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

- (1): Series name
EF2A: Released by twisting the lock type
- (2): Attachment type
D: DIN-rail type
- (3) s: Connection type
Blank: Spring to spring type
H: Spring to screw type
- (4) t: With or without a checker
Blank: Without checker
- (5) u: Current
150, 200, 250, 400
- (6) v: Voltage endurance
Blank: represent the standard type (see Specifications-2C)
- (7) w: Color
Blank: Black
- (8) x: With or without protector
Blank: without protector
B : with protector
- (9) y: - The number of connection
-1: (y=200, 250, or 400)
-1 to -5:(y=150)
- (10) z: Other specifications
Customer Specifications – (01)-(99) or none, denoting packaging

End of the documentations.

TÜV Rheinland

2024 Feb. 14

(Date)

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(Signature)

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K. Sato