

**NEW EFC LINE**  
**“EASY FAST CONNECTION”**  
**SPRING CLAMP TERMINAL BLOCKS**  
**WITH PUSH-IN TECHNOLOGY**



**CALPE** Industrial Products

**cabur**<sup>®</sup>  
CONNECTING ENERGY  
SINCE 1952

**NEW EFC LINE  
“EASY FAST CONNECTION”  
SPRING CLAMP TERMINAL BLOCKS  
WITH PUSH-IN TECHNOLOGY**

# OVER 65 YEARS OF ENERGY AT YOUR DISPOSAL BY CABUR.

**CALPE** Industrial Products

**CALPE** Industrial Products

## THIS IS CABUR: A WINNING COMPANY IN CONTINUOUS GROWTH.

01

02

03

04

Cabur, a leading organization in the Italian electrical connection industry, has been developing and implementing a wide range of products for the electrotechnical and electronic industry on its own design for **over 65 years** and is renowned for its **reliability** even in extreme usage conditions.

In addition to terminal blocks, which are the core business of the company, electronic and installation products, industrial marking systems and **innovative solutions** for photovoltaic systems have been added over time.

### PROFESSIONAL SKILLS

The professional skills of Cabur's highly-qualified engineering team are ensured by an expertise built in over 65 years of experience.

### QUALITY

Based on its corporate culture inspired to Total Quality, Cabur has adopted the main European directives of its sector and cooperates with the most prestigious national and international Institutes and Laboratories.

### EXPERTISE AT THE SERVICE OF CUSTOMERS

Our customer-centric approach ensures maximum flexibility and a unique capacity to find perfectly tailored solutions for specific requirements.

### INNOVATION

Innovation is the deliberate result of the choices of a modern and constantly improvement-oriented business.



# NEW LINE OF SPRING CLAMP TERMINAL BLOCKS EFC SERIES: MAXIMUM PERFORMANCE WITH A SINGLE MOVE.

The new line of **EFC** products with Push-in connection technology offers a fast, reliable and efficient wiring of all cable types.

## **REDUCTION OF INSTALLATION TIME, INCREASED PERFORMANCE**

The Push-in technology allows cables and hoses to be wired with or without wire clips. Cables are directly inserted in the terminal, with no tooling required to open the clamp spring: just pressing the wire is sufficient to provide a safe and durable electrical connection.

## **DIRECT PLUG-IN**

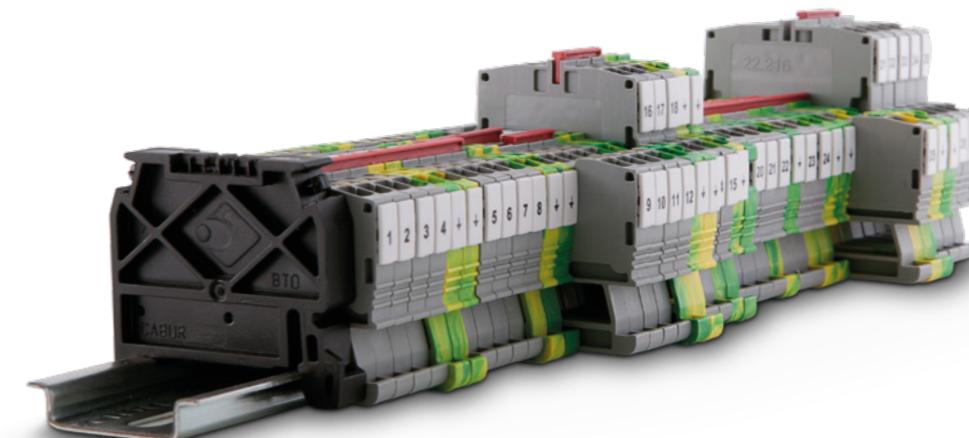
Connection is so simple, precise and accurate that a switchboard can be wired with a single hand, without impacting performance. This also improves ergonomics.

To connect stiff cables without a wire clip, just push the coloured button to

open the spring clip and insert the properly stripped cable.

## **WIRE RELEASE BUTTONS: SPEED, SIMPLICITY AND SAFETY**

To remove the wire from the terminal, just press the release button with any tool to open the spring. Release buttons, highlighted by different colours, prevent operators from making mistakes or coming into contact with potentially live parts, even in settings with a high concentration of links.



### **Speed**

The Push-in technology helps reducing wiring times.



### **Safety**

An isolated button, identified with a different colour, protects the operator from indirect electrical contacts.



### **Quality**

Having passed all the ATEX Directives, UL and EN60947-7 standards tests, these devices are suitable for any use and environment.



### **Simplicity**

The stainless-steel spring designed by Cabur ensures optimal connection and prevents accidental removal.



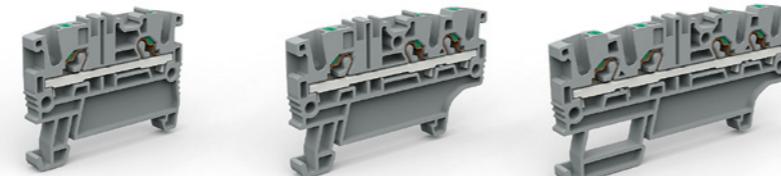
### **Innovation**

A compact and highly-visible design optimizes space in automation and control boards.



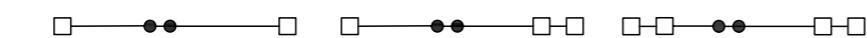
### **Efficiency**

At last, one single hand is enough to wire an EFC series clamp, for a smoother workflow.

EFC.2  
SERIESSPRING CLAMP TERMINAL BLOCKS  
WITH PUSH-IN TECHNOLOGY

<b>GREY VERSION</b>	<b>EFC.2/GR</b> Cat. No. EFC200GR	<b>EFC.2/1+2/GR</b> Cat. No. EFC210GR	<b>EFC.2/2+2/GR</b> Cat. No. EFC220GR
<b>BLUEE VERSION</b>	<b>EFC.2/BL</b> Cat. No. EFC200BL	<b>EFC.2/1+2/BL</b> Cat. No. EFC210BL	<b>EFC.2/2+2/BL</b> Cat. No. EFC220BL

## TECHNICAL CHARACTERISTICS



Function / type	Feed-through	Feed-through	Feed-through
Rated cross-section [mm²]	2,5	2,5	2,5
Flexible	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
Connecting capacity Rigid [mm²]	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
max. flexible with ferrule [mm²]-ferrule type	2,5 - WP25/14	2,5 - WP25/14	2,5 - WP25/14
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum voltage AC/DC [V] 800	800	800
Maximum current [with cable from 2,5mm²] [A]	24	24	24
Section	Caliber A3	A3	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V] 600	600	600
Maximum current [with cable from 2,5mm²] [A]	20	20	20
Section Min-Max [AWG]	24 - 12	24 - 12	24 - 12
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC [V] 500	500	500
Maximum current [with cable from 2,5mm²] [A]	20	20	20
Use temperatures MIN / MAX [°C]	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	9	9
Width [mm]	5,2	5,2	5,2
Length [mm]	49,6	63,1	76,6
Height mounted on TH35 / 15 [mm]	39,2	39,2	39,2
Height mounted on TH35 / 7,5 [mm]	46,7	46,7	46,7
Insulation material temperature index [EN 60216-1] [°C]	130	130	130
Plastic material	Polyamide UL94 VO	Polyamide UL94 VO	Polyamide UL94 VO

## APPROVALS

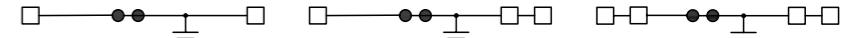


ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFC.2/PT/GR	EFC201GR	EFC.2/1+2/PT/GR	EFC211GR	EFC.2/2+2/PT/GR	EFC221GR
End section blue	EFC.2/PT/BL	EFC201BL	EFC.2/1+2/PT/BL	EFC211BL	EFC.2/2+2/PT/BL	EFC221BL
End section thickness [mm]	1,5		1,5		1,5	
2 poles	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R
3 poles	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R
5 poles	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R
10 poles	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R
Rated current carrying capacity of jumper	24A		24A		24A	
Rated current carrying capacity of jumper in Atex applications	20A		20A		20A	
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+2/R	DFE02	DFE.2+2/R	DFE03
105mm adhesive numbering strip (20 terminal blocks)	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
End bracket Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFCE.2  
SERIESSPRING CLAMP TERMINAL BLOCKS  
WITH PUSH-IN TECHNOLOGY

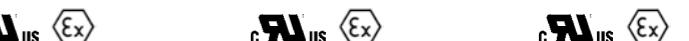
<b>GREEN/YELLOW VERSION</b>	<b>EFCE.2</b> Cat. No. EFCE200	<b>EFCE.2/1+2</b> Cat. No. EFCE210	<b>EFCE.2/2+2</b> Cat. No. EFCE220
-----------------------------	-----------------------------------	---------------------------------------	---------------------------------------

## TECHNICAL CHARACTERISTICS

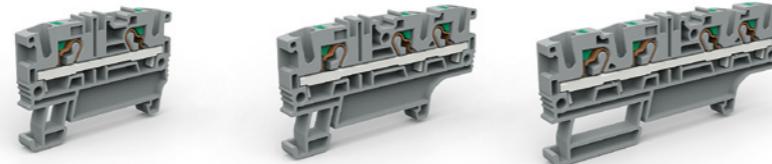


Function / type	Earth terminal blocks	Earth terminal blocks	Earth terminal blocks
Rated cross-section [mm²]	2,5	2,5	2,5
Flexible	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
Connecting capacity Rigid [mm²]	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
Max. flexible with ferrule [mm²]-ferrule type	2,5 - WP25/14	2,5 - WP25/14	2,5 - WP25/14
Electrical characteristics according to European standard IEC EN 60947-2-2	Maximum voltage AC/DC [V] -	-	-
Maximum current [with cable from 2,5mm²] [A]	-	-	-
Section	Caliber A3	A3	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V] -	-	-
Maximum current [with cable from 2,5mm²] [A]	-	-	-
Section Min-Max [AWG]	24 - 12	24 - 12	24 - 12
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC [V] -	-	-
Maximum current [with cable from 2,5mm²] [A]	-	-	-
Use temperatures MIN / MAX [°C]	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	9	9
Width [mm]	5,2	5,2	5,2
Length [mm]	49,6	63,1	76,6
Height mounted on TH35 / 15 [mm]	39,2	39,2	39,2
Height mounted on TH35 / 7,5 [mm]	46,7	46,7	46,7
Insulation material temperature index [EN 60216-1] [°C]	130	130	130
Plastic material	Polyamide UL94 VO	Polyamide UL94 VO	Polyamide UL94 VO

## APPROVALS

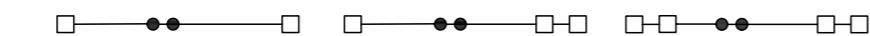


ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFC.2/PT/GR	EFC201GR	EFC.2/1+2/PT/GR	EFC211GR	EFC.2/2+2/PT/GR	EFC221GR
End section blue	EFC.2/PT/BL	EFC201BL	EFC.2/1+2/PT/BL	EFC211BL	EFC.2/2+2/PT/BL	EFC221BL
End section thickness [mm]	1,5		1,5		1,5	
2 poles	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R
3 poles	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R
5 poles	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R
10 poles	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R
Rated current carrying capacity of jumper	24A		24A		24A	
Rated current carrying capacity of jumper in Atex applications	20A		20A		20A	
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+2/R	DFE02	DFE.2+2/R	DFE03
105mm adhesive numbering strip (20 terminal blocks)	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
End bracket Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFC.4  
SERIESSPRING CLAMP TERMINAL BLOCKS  
WITH PUSH-IN TECHNOLOGY

<b>GREY VERSION</b>	<b>EFC.4/GR</b> Cat. No. EFC400GR	<b>EFC.4/1+2/GR</b> Cat. No. EFC410GR	<b>EFC.4/2+2/GR</b> Cat. No. EFC420GR
<b>BLUEE VERSION</b>	<b>EFC.4/BL</b> Cat. No. EFC400BL	<b>EFC.4/1+2/BL</b> Cat. No. EFC410BL	<b>EFC.4/2+2/BL</b> Cat. No. EFC420BL

## TECHNICAL CHARACTERISTICS



Function / type	Feed-through	Feed-through	Feed-through
Rated cross-section [mm²]	4	4	4
Flexible	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
Connecting capacity Rigid	[mm²]	[mm²]	[mm²]
Max. flexible with ferrule	[mm²]-ferrule type	4 - WP40/16	4 - WP40/16
Maximum voltage AC/DC [V]	800	800	800
Maximum current (with cable from 2,5mm²) [A]	32	32	32
Section	Caliber	A4	A4
Maximum voltage AC/DC [V]	600	600	600
Maximum current (with cable from 2,5mm²) [A]	30	30	30
Section Min-Max [AWG]	24 - 10	24 - 10	24 - 10
Maximum voltage AC/DC [V]	500	500	500
Maximum current (with cable from 2,5mm²) [A]	26	26	26
Use temperatures MIN / MAX [°C]	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	10	10	10
Width [mm]	6,2	6,2	6,2
Length [mm]	55,2	71,8	88,4
Height mounted on TH35 / 15 [mm]	39,2	39,2	39,2
Height mounted on TH35 / 7,5 [mm]	46,7	46,7	46,7
Insulation material temperature index [EN 60216-1] [°C]	130	130	130
Plastic material	Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

## APPROVALS



ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFC.4/PT/GR	EFC401GR	EFC.4/1+2/PT/GR	EFC411GR	EFC.4/2+2/PT/GR	EFC421GR
End section blue	EFC.4/PT/BL	EFC401BL	EFC.4/1+2/PT/BL	EFC411BL	EFC.4/2+2/PT/BL	EFC421BL
End section thickness [mm]	1,5		1,5		1,5	
2 poles	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R
3 poles	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R
5 poles	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R
10 poles	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R
Rated current carrying capacity of jumper	32A		32A		32A	
Rated current carrying capacity of jumper in Atex applications	26A		26A		26A	
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+2/R	DFE02	DFE.2+2/R	DFE03
105mm adhesive numbering strip (16 terminal blocks)	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/61	NU1061S	CNU/10/61	NU1061S	CNU/10/61	NU1061S
End bracket Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFCE.4  
SERIESSPRING CLAMP TERMINAL BLOCKS  
WITH PUSH-IN TECHNOLOGY

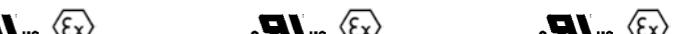
<b>GREEN/YELLOW VERSION</b>	<b>EFCE.4</b> Cat. No. EFCE400	<b>EFCE.4/1+2</b> Cat. No. EFCE410	<b>EFCE.4/2+2</b> Cat. No. EFCE420
-----------------------------	-----------------------------------	---------------------------------------	---------------------------------------

## TECHNICAL CHARACTERISTICS

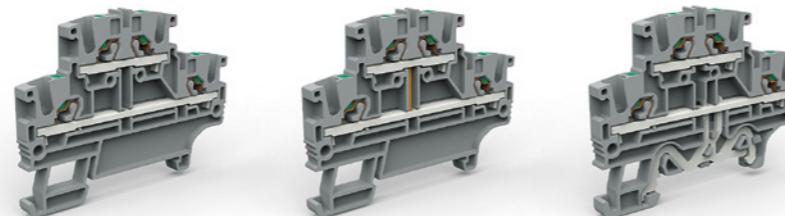


Function / type	Earth terminal blocks	Earth terminal blocks	Earth terminal blocks
Rated cross-section [mm²]	4	4	4
Flexible	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
Connecting capacity Rigid	[mm²]	[mm²]	[mm²]
Max. flexible with ferrule	[mm²]-ferrule type	4 - WP40/16	4 - WP40/16
Maximum voltage AC/DC [V]	-	-	-
Maximum current (with cable from 2,5mm²) [A]	-	-	-
Section	Caliber	A4	A4
Maximum voltage AC/DC [V]	-	-	-
Maximum current (with cable from 2,5mm²) [A]	-	-	-
Section Min-Max [AWG]	24 - 10	24 - 10	24 - 10
Maximum voltage AC/DC [V]	-	-	-
Maximum current (with cable from 2,5mm²) [A]	-	-	-
Use temperatures MIN / MAX [°C]	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	10	10	10
Width [mm]	6,2	6,2	6,2
Length [mm]	55,2	71,8	88,4
Height mounted on TH35 / 15 [mm]	39,2	39,2	39,2
Height mounted on TH35 / 7,5 [mm]	46,7	46,7	46,7
Insulation material temperature index [EN 60216-1] [°C]	130	130	130
Plastic material	Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

## APPROVALS



ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFC.4/PT/GR	EFC401GR	EFC.4/1+2/PT/GR	EFC411GR	EFC.4/2+2/PT/GR	EFC421GR
End section blue	EFC.4/PT/BL	EFC401BL	EFC.4/1+2/PT/BL	EFC411BL	EFC.4/2+2/PT/BL	EFC421BL
End section thickness [mm]	1,5		1,5		1,5	
2 poles	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R
3 poles	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R
5 poles	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R
10 poles	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R
Rated current carrying capacity of jumper	32A		32A		32A	
Rated current carrying capacity of jumper in Atex applications	26A		26A		26A	
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+2/R	DFE02	DFE.2+2/R	DFE03
105mm adhesive numbering strip (16 terminal blocks)	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/61	NU1061S	CNU/10/61	NU1061S	CNU/10/61	NU1061S
End bracket Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFD.2  
SERIESSPRING CLAMP TERMINAL BLOCKS WITH  
2 LEVELS AND PUSH-IN TECHNOLOGY

<b>GREY VERSION</b>	<b>EFD.2/GR</b> Cat. No. EFD200GR	<b>EFD.2/CI/GR</b> Cat. No. EFD210GR	<b>EFD.2/E/GR</b> Cat. No. EFD220GR
<b>BLUE VERSION</b>	<b>EFD.2/BL</b> Cat. No. EFD200BL	<b>EFD.2/CI/BL</b> Cat. No. EFD210BL	

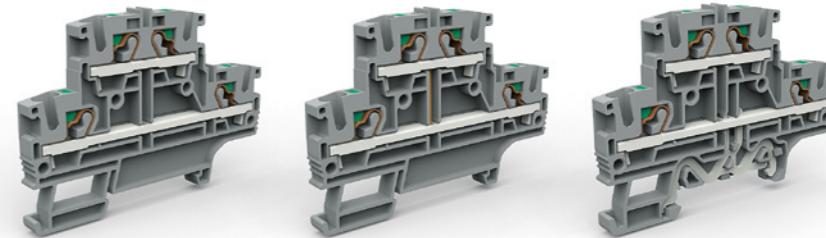
## TECHNICAL CHARACTERISTICS

Function / type	2 levels	2 levels and internal connection	2 feed-through levels + earth
Rated cross-section [mm²]	2,5	2,5	2,5
Connecting capacity	Flexible [mm²]	0,2 ÷ 4	0,2 ÷ 4
	Rigid [mm²]	0,2 ÷ 4	0,2 ÷ 4
	Max. flexible with ferrule [mm²]-ferrule type	2,5 - WP25/14	2,5 - WP25/14
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum voltage AC/DC [V]	800	800
	Maximum current (with cable from 2,5mm²) [A]	22	22
	Section Caliber	A3	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	600	600
	Maximum current (with cable from 2,5mm²) [A]	20	20
	Section Min-Max [AWG]	24-12	24-12
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC [V]	500	500
	Maximum current (with cable from 2,5mm²) [A]	18	18
	Use temperatures MIN / MAX [°C]	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	9	9
Width [mm]	5,2	5,2	5,2
Length [mm]	71,6	71,6	71,6
Height mounted on TH35 / 15 [mm]	53,8	53,8	53,8
Height mounted on TH35 / 7,5 [mm]	61,3	61,3	61,3
Insulation material temperature index (EN 60216-1) [°C]	130	130	130
Plastic material	Polyamide UL94 VO	Polyamide UL94 VO	Polyamide UL94 VO

## APPROVALS



ACCESSORIES		TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
	grey	EFD.2/PT/GR	EFD201GR	EFD.2/PT/GR	EFD201GR	EFD.2/PT/GR	EFD201GR
End section	blue	EFD.2/PT/BL	EFD201BL	EFD.2/PT/BL	EFD201BL	EFD.2/PT/BL	EFD201BL
	End section thickness [mm]	1,5		1,5		1,5	
	2 poles	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R
	3 poles	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R
"Easy Bridge" (PTC) cross connection	5 poles	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R
	10 poles	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R
	Rated current carrying capacity of jumper	22A		22A		22A	
	Rated current carrying capacity of jumper in Atex applications	18A		18A		18A	
Coloured partition	red	DFE.2P/R	DFE04	DFE.2P/R	DFE04	DFE.2P/R	DFE04
105mm adhesive numbering strip (20 terminal blocks)		TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag		CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert		CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
End bracket	Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
	Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFD.4  
SERIESSPRING CLAMP TERMINAL BLOCKS WITH  
2 LEVELS AND PUSH-IN TECHNOLOGY

<b>GREY VERSION</b>	<b>EFD.4/GR</b> Cat. No. EFD400GR	<b>EFD.4/CI/GR</b> Cat. No. EFD410GR	<b>EFD.4/E/GR</b> Cat. No. EFD420GR
<b>BLUE VERSION</b>	<b>EFD.4/BL</b> Cat. No. EFD400BL	<b>EFD.4/1+2/BL</b> Cat. No. EFD410BL	

## TECHNICAL CHARACTERISTICS

Function / type	2 levels	2 levels and internal connection	2 levels (Feed-through + terra)
Rated cross-section [mm²]	4	4	4
Connecting capacity	Flexible [mm²]	0,2 ÷ 6	0,2 ÷ 6
	Rigid [mm²]	0,2 ÷ 6	0,2 ÷ 6
	Max. flexible with ferrule [mm²]-ferrule type	4 - WP40/16	4 - WP40/16
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum voltage AC/DC [V]	800	800
	Maximum current (with cable from 2,5mm²) [A]	29	29
	Section Caliber	A4	A4
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	600	600
	Maximum current (with cable from 2,5mm²) [A]	30	30
	Section Min-Max [AWG]	24 - 10	24 - 10
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC [V]	500	500
	Maximum current (with cable from 4mm²) [A]	25	25
	Use temperatures MIN / MAX [°C]	-40 +110	-40 +110
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	10	10	10
Width [mm]	6,2	6,2	6,2
Length [mm]	81,7	81,7	81,7
Height mounted on TH35 / 15 [mm]	57,7	57,7	57,7
Height mounted on TH35 / 7,5 [mm]	65,2	65,2	65,2
Insulation material temperature index (EN 60216-1) [°C]	130	130	130
Plastic material	Polyamide UL94 VO	Polyamide UL94 VO	Polyamide UL94 VO

## APPROVALS



ACCESSORIES		TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
	grey	EFD.4/PT/GR	EFD401GR	EFD.4/PT/GR	EFD401GR	EFD.4/PT/GR	EFD401GR
End section	blue	EFD.4/PT/BL	EFD401BL	EFD.4/PT/BL	EFD401BL	EFD.4/PT/BL	EFD401BL
	End section thickness [mm]	1,5		1,5		1,5	
	2 poles	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R	EFB.4/2/R	EFB0402R
	3 poles	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R	EFB.4/3/R	EFB0403R
"Easy Bridge" (PTC) cross connection	5 poles	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R	EFB.4/5/R	EFB0405R
	10 poles	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R	EFB.4/10/R	EFB0410R
	Rated current carrying capacity of jumper	29A		29A		29A	
	Rated current carrying capacity of jumper in Atex applications	25A		25A		25A	
Coloured partition	red	DFE.2P/R	DFE04	DFE.2P/R	DFE04	DFE.2P/R	DFE04
105mm adhesive numbering strip (16 terminal blocks)		TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag		CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert		CNU/10/61	NU1061S	CNU/10/61	NU1061S	CNU/10/61	NU1061S
End bracket	Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
	Snap-fit	BTO	BT007	BTO	BT007	BTO	BT007

EFDE  
SERIESSPRING CLAMP TERMINAL BLOCKS WITH 2 LEVELS,  
EARTH CONNECTION AND PUSH-IN TECHNOLOGY

GREEN/YELLOW VERSION	EFDE.2	Cat. No. EFDE200	EFDE.4	Cat. No. EFDE400
----------------------	--------	------------------	--------	------------------

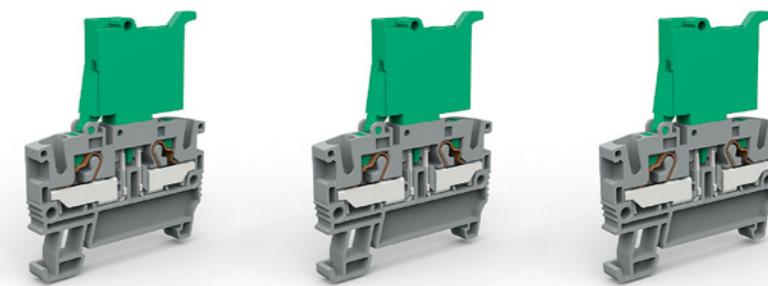
## TECHNICAL CHARACTERISTICS

Function / type	2 levels di terra		2 levels di terra	
Rated cross-section	[mm <sup>2</sup> ]	2,5	[mm <sup>2</sup> ]	4
Connecting capacity	Flexible	[mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 6
	Rigid	[mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 6
	Max. flexible with ferrule	[mm <sup>2</sup> ]-ferrule type	2,5 - WP25/14	4 - WP40/16
Electrical characteristics according to European standard IEC EN 60947-7-2	Maximum voltage AC/DC [V]	-	-	-
	Maximum current (with cable from 2,5mm <sup>2</sup> ) [A]	-	-	-
	Section	Caliber	A3	A4
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	-	-	-
	Maximum current (with cable from 2,5mm <sup>2</sup> ) [A]	-	-	-
	Section Min-Max [AWG]	24 - 12	24 - 10	
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC [V]	-	-	-
	Maximum current (with cable from 2,5mm <sup>2</sup> ) [A]	-	-	-
	Use temperatures MIN / MAX [°C]	-40 +110	-40 +110	
Rated impulse withstand voltage / pollution degree		8kV / 3	8kV / 3	
Insulation stripping length	[mm]	9	10	
Width	[mm]	5,2	6,2	
Length	[mm]	71,6	81,7	
Height mounted on TH35 / 15	[mm]	53,8	57,7	
Height mounted on TH35 / 7,5	[mm]	61,3	65,2	
Insulation material temperature index (EN 60216-1)	[°C]	130	130	
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0	

## APPROVALS



ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFD.2/PT/GR	EFD201GR	EFD.4/PT/GR	EFD401GR
blue	EFD.2/PT/BL	EFD201BL	EFD.4/PT/BL	EFD401BL
End section thickness [mm]	1,5		1,5	
2 poles	EFB.2/2/R	EFB0202R	EFB.4/2/R	EFB0402R
3 poles	EFB.2/3/R	EFB0203R	EFB.4/3/R	EFB0403R
5 poles	EFB.2/5/R	EFB0205R	EFB.4/5/R	EFB0405R
10 poles	EFB.2/10/R	EFB0210R	EFB.4/10/R	EFB0410R
Rated current carrying capacity of jumper	22A		29A	
Rated current carrying capacity of jumper in Atex applications	18A		25A	
Coloured partition red	DFE.2P/R	DFE04	DFE.2P/R	DFE04
Striscia di numerazione adesiva da 105mm	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/61	NU1061S
End bracket Screw	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007

EFF.4  
SERIESFUSE-HOLDER TERMINAL BLOCKS WITH  
PUSH-IN TECHNOLOGY

## NEXT AVAILABILITY

GREY VERSION	EFF.4/GR Cat. No. EFP400GR	EFF.4/C48/GR Cat. No. EFP448GR	EFF.4/C230/GR Cat. No. EFP423GR
BLUE VERSION	EFF.4/BL Cat. No. EFP400BL		

## TECHNICAL CHARACTERISTICS

Function / type	Fuse-holders 5x20	Fuse-holders 5x20 with led	Fuse-holders 5x20 with led
Rated cross-section	[mm <sup>2</sup> ]	4	4
Connecting capacity	Flexible	[mm <sup>2</sup> ]	0,2 ÷ 6
	Rigid	[mm <sup>2</sup> ]	0,2 ÷ 6
	Max. flexible with ferrule	[mm <sup>2</sup> ]-ferrule type	4 - WP40/16
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum voltage AC/DC [V]	630	48
	Maximum current (with cable from 2,5mm <sup>2</sup> ) [A]	6,3	6,3
	Section	Caliber	A4
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	UL Pending	UL Pending
	Maximum current (with cable from 2,5mm <sup>2</sup> ) [A]	UL Pending	UL Pending
	Section Min-Max [AWG]		
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length	[mm]	10	10
Width	[mm]	6,2	6,2
Length	[mm]	55,2	55,2
Height mounted on TH35 / 15	[mm]	67,1	67,1
Height mounted on TH35 / 7,5	[mm]	74,6	74,6
Insulation material temperature index (EN 60216-1)	[°C]	130	130
Plastic material		Polyamide UL94 V0	Polyamide UL94 V0

## APPROVALS

ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey			grey		EFC.4/PT/GR	EFC401GR
blue			blue		EFC.4/PT/BL	EFC401BL
End section thickness [mm]	1,5		End section thickness [mm]	1,5	1,5	1,5
2 poles	EFB.4/2/R	EFB0402R	2 poles	EFB.4/2/R	EFB0402R	EFB.4/2/R
3 poles	EFB.4/3/R	EFB0403R	3 poles	EFB.4/3/R	EFB0403R	EFB.4/3/R
5 poles	EFB.4/5/R	EFB0405R	5 poles	EFB.4/5/R	EFB0405R	EFB.4/5/R
10 poles	EFB.4/10/R	EFB0410R	10 poles	EFB.4/10/R	EFB0410R	EFB.4/10/R
Rated current carrying capacity of jumper	22A		Rated current carrying capacity of jumper [A]		DFE.1+1/R	DFE01
Rated current carrying capacity of jumper in Atex applications	18A		DFE.1+1/R	DFE01	DFE.1+1/R	DFE01
Coloured partition red	DFE.2P/R	DFE04	DFE.2P/R	DFE04	F5/...	FN...
Striscia di numerazione adesiva da 105mm	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	F5/...	FN...
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	F5/...	FN...
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/61	NU1061S	F5/...	FN...
End bracket Screw	BT/3	BT003	BT/3	BT003	BT/3	BT003
End bracket Snap-fit	BTO	BT007	BTO	BT007	BT0	BT007

EFS  
SERIESDISCONNECTS SPRING CLAMP TERMINAL  
BLOCKS WITH PUSH-IN TECHNOLOGY

## NEXT AVAILABILITY

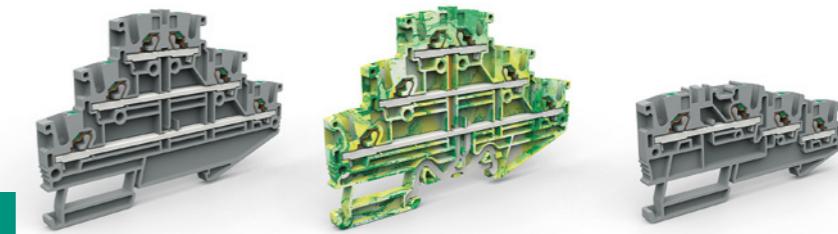
GREY VERSION	EFS.2/GR Cat. No. EFS200GR	EFS.4/GR Cat. No. EFS400GR
BLUEE VERSION	EFS.2/BL Cat. No. EFS200BL	EFS.4/BL Cat. No. EFS400BL

## TECHNICAL CHARACTERISTICS

Function / type	"blade" switchable	"blade" switchable
Rated cross-section [mm <sup>2</sup> ]	2,5	4
Connecting capacity	Flexible [mm <sup>2</sup> ]	0,2 ÷ 4
	Rigid [mm <sup>2</sup> ]	0,2 ÷ 4
	Max. flexible with ferrule [mm <sup>2</sup> ]-ferrule type	2,5 - WP25/14
Maximum voltage AC/DC [V]	630	630
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	-
Section	Caliber	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	UL Pending
	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	UL Pending
	Section Min-Max [AWG]	
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	10
Width [mm]	5,2	6,2
Length [mm]	49,6	55,2
Height mounted on TH35 / 15 [mm]	39,2	41,2
Height mounted on TH35 / 7,5 [mm]	46,7	48,7
Insulation material temperature index (EN 60216-1) [°C]	130	130
Plastic material	Polyamide UL94 V0	Polyamide UL94 V0

## APPROVALS

ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFC.2/PT/GR	EFC201GR	EFC.4/PT/GR	EFC401GR
blue	EFC.2/PT/BL	EFC201BL	EFC.4/PT/BL	EFC401BL
End section thickness [mm]	1,5		1,5	
2 poles	EFB.2/2/R	EFB0202R	EFB.4/2/R	EFB0402R
3 poles	EFB.2/3/R	EFB0203R	EFB.4/3/R	EFB0403R
5 poles	EFB.2/5/R	EFB0205R	EFB.4/5/R	EFB0405R
10 poles	EFB.2/10/R	EFB0210R	EFB.4/10/R	EFB0410R
Rated current carrying capacity of jumper [A]				
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+1/R	DFE01
Striscia di numerazione adesiva da 105mm	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/61	NU1061S
End bracket	Screw	BT/3	BT/3	BT003
	Snap-fit	BTO	BTO	BT007

EFT.2  
SERIESSPRING CLAMP TERMINAL BLOCKS WITH 3  
LEVELS AND PUSH-IN TECHNOLOGY

## NEXT AVAILABILITY

GREY VERSION	EFT.2/GR Cat. No. EFT200GR	EFT.2/BL Cat. No. EFT200BL	EFT.2 Cat. No. EFTE200
BLUEE VERSION			

## TECHNICAL CHARACTERISTICS

Function / type	3 levels	3 levels + earth	3 levels – for sensors
Rated cross-section [mm <sup>2</sup> ]	2,5	2,5	2,5
Connecting capacity	Flexible [mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 4
Electrical characteristics according to European standard IEC EN 60947-7-1	Rigid [mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 4
	Max. flexible with ferrule [mm <sup>2</sup> ]-ferrule type	2,5 - WP25/14	2,5 - WP25/14
	Maximum voltage AC/DC [V]	800	800
Electrical characteristics according to UL standard	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	-	-
Section	Caliber	A3	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]	UL Pending	UL Pending
	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	UL Pending	UL Pending
	Section Min-Max [AWG]		
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	9	9
Width [mm]	5,2	5,2	5,2
Length [mm]	106,2	106,2	89
Height mounted on TH35 / 15 [mm]	68,4	68,4	43,9
Height mounted on TH35 / 7,5 [mm]	75,9	75,9	51,4
Insulation material temperature index (EN 60216-1) [°C]	130	130	130
Plastic material	Polyamide UL94 V0	Polyamide UL94 V0	Polyamide UL94 V0

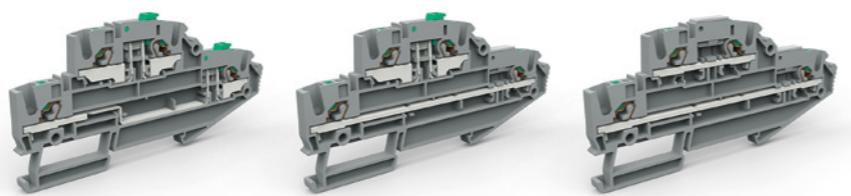
## APPROVALS

ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
grey	EFT.2/PT/GR	EFT201GR	EFT.2/PT/GR	EFT201GR	EFT.2/S/PT/GR	EFT251GR
blue	EFT.2/PT/BL	EFT201BL	EFT.2/PT/BL	EFT201BL	-	-
End section thickness [mm]	1,5		1,5		1,5	
2 poles	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R
3 poles	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R
5 poles	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R
10 poles	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R
Rated current carrying capacity of jumper [A]						
Coloured partition red	DFE.1+1/R	DFE01	DFE.1+1/R	DFE01		
Striscia di numerazione adesiva da 105mm	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/61	NU1061S	CNU/10/51	NU1051S
End bracket	Screw	BT/3	BT/3	BT003	BT/3	BT003
	Snap-fit	BTO	BTO	BT007	BTO	BT007

EFDS

SERIES

## SPRING CLAMP 2 LEVELS DISCONNECT TERMINAL BLOCKS WITH PUSH-IN TECHNOLOGY



## NEXT AVAILABILITY

GREY VERSION	EFDS.2/GR Cat. No. EFDS200GR	EFDS.2/1S/GR Cat. No. EFDS210GR	EFDS.2/P/GR Cat. No. EFDS220GR
<b>TECHNICAL CHARACTERISTICS</b>			
Function / type	2 levels disconnect	2 levels disconnect	2 levels Feed-through
Rated cross-section [mm <sup>2</sup> ]	2,5	2,5	2,5
Connecting capacity			
Flexible	[mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 4
Rigid	[mm <sup>2</sup> ]	0,2 ÷ 4	0,2 ÷ 4
Max. flexible with ferrule	[mm <sup>2</sup> ]-ferrule type	2,5 - WP25/14	2,5 - WP25/14
Electrical characteristics according to European standard IEC EN 60947-7-1	Maximum voltage AC/DC [V]	630	630
	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	-	-
Section	Caliber	A3	A3
Electrical characteristics according to UL standard	Maximum voltage AC/DC [V]		
	Maximum current [with cable from 2,5mm <sup>2</sup> ] [A]	UL Pending	UL Pending
	Section Min-Max [AWG]		
Rated impulse withstand voltage / pollution degree	8kV / 3	8kV / 3	8kV / 3
Insulation stripping length [mm]	9	9	9
Width [mm]	5,2	5,2	5,2
Length [mm]	110	110	110
Height mounted on TH35 / 15 [mm]	39,2	39,2	39,2
Height mounted on TH35 / 7,5 [mm]	54	54	54
Insulation material temperature index (EN 60216-1) [°C]	130	130	130
Plastic material	Polyamide UL94 VO	Polyamide UL94 VO	Polyamide UL94 VO

## APPROVALS

ACCESSORIES	TYPE	CAT. NO.	TYPE	CAT. NO.	TYPE	CAT. NO.
End section	grey	EFDS.2/PT/GR	EFDS201GR	EFDS.2/PT/GR	EFDS201GR	EFDS.2/PT/GR
End section	End section thickness [mm]	1,5	1,5	1,5	1,5	1,5
"Easy Bridge" (PTC) cross connection	2 poles	EFB.2/2/R	EFB0202R	EFB.2/2/R	EFB0202R	EFB.2/2/R
	3 poles	EFB.2/3/R	EFB0203R	EFB.2/3/R	EFB0203R	EFB.2/3/R
	5 poles	EFB.2/5/R	EFB0205R	EFB.2/5/R	EFB0205R	EFB.2/5/R
	10 poles	EFB.2/10/R	EFB0210R	EFB.2/10/R	EFB0210R	EFB.2/10/R
105mm adhesive numbering strip (20 terminal blocks)	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW	TAM10105AW
Single marking tag	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
Single marking tag for pitch insert	CNU/10/51	NU1051S	CNU/10/51	NU1051S	CNU/10/51	NU1051S
End bracket	Screw	BT/3	BT003	BT/3	BT003	BT/3
	Snap-fit	BTO	BT007	BTO	BT007	BTO



8 017963 194648

**CALPE** Industrial Products



ELECTRONIC PRODUCTS  
FOR ELECTRICAL PANELS

PRODUCTS AND SYSTEMS  
FOR THE CONNECTION  
OF ELECTRICAL PANELS

PHOTOVOLTAIC SYSTEMS  
CONNECTION AND  
PROTECTION

INDUSTRIAL MARKING  
SYSTEMS

D011E18F - 0618 - 2018 EDITION

### **Cabur Srl**

**Head Quarter (Italy)**

17041 - Altare (SV)

Località Isola Grande, 45

T. +39 019 58999.1

F. +39 019 58999233

[www.cabur.eu](http://www.cabur.eu)

[info@cabur.it](mailto:info@cabur.it)