



# EFD.2 SERIES

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



- Reduced wiring time
- Wire release button

	IMQ 18 ATEX 007U	IECEx IMQ 18.0002U
	I M2 Ex eb I Mb	Ex eb I Mb
	II 2G Ex eb IIC Gb	Ex eb IIC Gb

(1) See chapter accessories for more details



GREY VERSION	CODE TYPE	EFD200GR	EFD.2/GR	EFD210GR	EFD.2/CI/GR	EFD220GR	EFD.2/E/GR
BLUE VERSION	CODE TYPE	EFD200BL	EFD.2/BL	EFD210BL	EFD.2/CI/BL		



## TECHNICAL CHARACTERISTICS

Function/type		2 levels	2 levels and internal connection	2 feed-through levels + earth
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	0,2 ÷ 4
	Rigid (mm <sup>2</sup> )	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
	Max.flexible with ferrule - ferrule type (mm <sup>2</sup> )	2,5 - WP25/19	2,5 - WP25/19	2,5 - WP25/19
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	800	800	800
	Max current with rated cross-section (A)	22	22	22
	Section Caliber	A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600	600
	Max current with rated cross-section (A)	20	20	20
	Section Min-Max (AWG)	24-12	24-12	24-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC Voltage (V)	500	500	500
	Max current with rated cross-section (A)	18	18	18
	Operating temperature (°C)	-40 +110	-40 +110	-40 +110
Rated impulse withstand voltage/pollution degree		6kV / 3	6kV / 3	6kV / 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 TH35/7,5 (mm)		53.8	53.8	53.8
Height mounted on TH35/15 (mm)		61.3	61.3	61.3
Insulation material temperature index (EN 60216-1) (°C)		130	130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0	polyamide UL94V-0

## APPROVALS



ACCESSORIES				
End section	Grey	EFD.2/PT/GR (cod. EFD201GR)	EFD.2/PT/GR (cod. EFD201GR)	EFD.2/PT/GR (cod. EFD201GR)
	Blue	EFD.2/PT/BL (cod. EFD201BL)	EFD.2/PT/BL (cod. EFD201BL)	EFD.2/PT/BL (cod. EFD201BL)
Cross connection	Thickness (mm)	1.5	1.5	1.5
	[1]	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
Coloured partition	Rated current / Rated current ATEX applications (A)	22 / 18	22 / 18	22 / 18
	red	DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)
105mm adhesive numbering strip		-	-	-
105mm snap numbering strip		-	-	-
Single marking tag		CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
Single marking tag for pitch insert		CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)



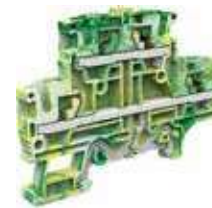
# EFDE SERIES

# SPRING CLAMP TERMINAL BLOCKS WITH 2 LEVELS, EARTH CONNECTION AND PUSH-IN TECHNOLOGY



- Reduced wiring time
- Wire release button

NEW



IMQ 18 ATEX 007U  
I M2 Ex eb I Mb  
II 2G Ex eb IIC Gb

IECEx IMQ 18.0002U  
Ex eb I Mb  
Ex eb IIC Gb

(1) See chapter accessories for more details

YELLOW/GREEN VERSION	CODE TYPE	EFDE100	EFDE200	EFDE400
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## TECHNICAL CHARACTERISTICS

Function/type	2 levels earth terminal blocks	2 levels earth terminal blocks	2 levels earth terminal blocks		
Rated cross-section	[mm <sup>2</sup> ]	1,5	2,5	4	
Connecting capacity	Flexible	[mm <sup>2</sup> ]	0,2 ÷ 1,5	0,2 ÷ 4	0,2 ÷ 6
	Rigid	[mm <sup>2</sup> ]	0,2 ÷ 1,5	0,2 ÷ 4	0,2 ÷ 6
	Max.flexible with ferrule - ferrule type	[mm <sup>2</sup> ]	1,5 - WP15/14	2,5 - WP25/19	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-2	Max AC/DC Voltage	[V]	-	-	-
	Max current with rated cross-section	[A]	-	-	-
Electrical characteristics According to UL	Section	Caliber	A1 - B1	A3	A4
	Max AC/DC Voltage	[V]	-	-	-
	Max current with rated cross-section	[A]	-	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Section Min-Max	[AWG]	26 - 14	24-12	24-10
	Max AC/DC Voltage	[V]	-	-	-
Operating temperature	Max current with rated cross-section	[A]	-	18	25
	Operating temperature	[°C]	-40 +110	-40+110	-40+110
Rated impulse withstand voltage/pollution degree		6 kV / 3	6kV / 3	6kV / 3	
Insulation stripping length	[mm]	8	9	10	
Width	[mm]	3,5	5,2	6,2	
Length	[mm]	81	71,6	81,7	
Height mounted on TH35/7,5	[mm]	50	53,8	57,7	
Height mounted on TH35/15	[mm]	57,5	61,3	65,2	
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130	
Plastic material		Polyamide UL94 V-0	polyamide UL94V-0	polyamide UL94V-0	

## APPROVALS



## ACCESSORIES

End section	Grey	EFD.1/PT/GR (cod. EFD101GR)	EFD.2/PT/GR (cod. EFD201GR)	EFD.4/PT/GR (cod. EFD401GR)
	Blue	EFD.1/PT/BL (cod. EFD101BL)	EFD.2/PT/BL (cod. EFD201BL)	EFD.4/PT/BL (cod. EFD401BL)
	Thickness	[mm]	1,5	1,5
Cross connection	(1)	EFB.1/.../... (cod. EFB01...)	EFB.2/.../... (cod. EFB02...)	EFB.4/.../... (cod. EFB04...)
	Rated current / Rated current ATEX applications	[A]	17,5	22 / 18
Coloured partition	red	DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)	DFE.2P/R (cod. DFE04R)
105mm adhesive numbering strip		TMM102105AW (cod. TMM102105AW)	-	-
105mm snap numbering strip		TMM102105W (cod. TMM102105W)	-	-
Single marking tag		CNU/8/35 (cod. NU0835S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
Single marking tag for pitch insert		CNU/10/35 (cod. NU1035S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
End bracket	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)