



# EFC.2 SERIES

# SPRING CLAMP TERMINAL BLOCKS WITH 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	EFC200GR	EFC.2/GR	EFC210GR	EFC.2/1+2/GR	EFC220GR	EFC.2/2+2/GR
BLUE VERSION	CODE TYPE	EFC200BL	EFC.2/BL	EFC210BL	EFC.2/1+2/BL	EFC220BL	EFC.2/2+2/BL

## TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through	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	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)	24	24	24
	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)	20	20	20
	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)		49.6	63.1	76.6
Height mounted on TH35/7,5 (mm)		39.2	39.2	39.2
Height mounted on TH35/15 (mm)		46.7	46.7	46.7
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	EFC.2/PT/GR (cod. EFC201GR)	EFC.2/1+2/PT/GR (cod. EFC211GR)	EFC.2/2+2/PT/GR (cod. EFC221GR)
	Blue	EFC.2/PT/BL (cod. EFC201BL)	EFC.2/1+2/PT/BL (cod. EFC211BL)	EFC.2/2+2/PT/BL (cod. EFC221BL)
Cross connection	Thickness (mm)	1.5	1.5	1.5
	(1) Rated current / Rated current ATEX applications (A)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
Coloured partition	red	DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)	DfE.2+2/R (cod. DfE03R)
105mm adhesive numbering strip		TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
105mm snap numbering strip		TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
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)



# EFCE.2 SERIES

# SPRING CLAMP EARTH TERMINAL BLOCKS WITH 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



YELLOW/GREEN VERSION		CODE TYPE	EFCE200	EFCE.2	EFCE210	EFCE.2/1+2	EFCE220	EFCE.2/2+2
<b>TECHNICAL CHARACTERISTICS</b>								
<b>Function/type</b>			Earth terminal blocks		Earth terminal blocks		Earth terminal blocks	
<b>Rated cross-section</b>			[mm <sup>2</sup> ]		[mm <sup>2</sup> ]		[mm <sup>2</sup> ]	
<b>Connecting capacity</b>			Flexible [mm <sup>2</sup> ]		Flexible [mm <sup>2</sup> ]		Flexible [mm <sup>2</sup> ]	
			Rigid [mm <sup>2</sup> ]		Rigid [mm <sup>2</sup> ]		Rigid [mm <sup>2</sup> ]	
			Max.flexible with ferrule - ferrule type [mm <sup>2</sup> ]		Max.flexible with ferrule - ferrule type [mm <sup>2</sup> ]		Max.flexible with ferrule - ferrule type [mm <sup>2</sup> ]	
<b>Electrical characteristics According to European standard IEC EN 60947-7-2</b>			Max AC/DC Voltage [V]		Max AC/DC Voltage [V]		Max AC/DC Voltage [V]	
			Max current with rated cross-section [A]		Max current with rated cross-section [A]		Max current with rated cross-section [A]	
<b>Electrical characteristics According to UL</b>			Section Caliber		Section Caliber		Section Caliber	
			Max AC/DC Voltage [V]		Max AC/DC Voltage [V]		Max AC/DC Voltage [V]	
			Section Min-Max [AWG]		Section Min-Max [AWG]		Section Min-Max [AWG]	
<b>Electrical characteristics According to ATEX directive and IEC ex standard</b>			Max AC/DC Voltage [V]		Max AC/DC Voltage [V]		Max AC/DC Voltage [V]	
			Max current with rated cross-section [A]		Max current with rated cross-section [A]		Max current with rated cross-section [A]	
Operating temperature [°C]			-40 +110		-40 +110		-40 +110	
<b>Rated impulse withstand voltage/pollution degree</b>			6kV / 3		6kV / 3		6kV / 3	
<b>Insulation stripping length</b>			[mm]		[mm]		[mm]	
<b>Width</b>			[mm]		[mm]		[mm]	
<b>Length</b>			[mm]		[mm]		[mm]	
<b>Height mounted on TH35/7,5</b>			[mm]		[mm]		[mm]	
<b>Height mounted on TH35/15</b>			[mm]		[mm]		[mm]	
<b>Insulation material temperature index (EN 60216-1)</b>			[°C]		[°C]		[°C]	
<b>Plastic material</b>			polyamide UL94V-0		polyamide UL94V-0		polyamide UL94V-0	

## APPROVALS



ACCESSORIES				
<b>End section</b>	Grey	EFC.2/PT/GR (cod. EFC201GR)	EFC.2/1+2/PT/GR (cod. EFC211GR)	EFC.2/2+2/PT/GR (cod. EFC221GR)
	Blue	EFC.2/PT/BL (cod. EFC201BL)	EFC.2/1+2/PT/BL (cod. EFC211BL)	EFC.2/2+2/PT/BL (cod. EFC221BL)
	Thickness [mm]	1.5	1.5	1.5
<b>Cross connection</b>	(1)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
	Rated current / Rated current ATEX applications [A]	24 / 20	24 / 20	24 / 20
<b>Coloured partition</b>	red	DfE.1+1/R (cod. DfE01R)	DfE.1+2/R (cod. DfE02R)	DfE.2+2/R (cod. DfE03R)
<b>105mm adhesive numbering strip</b>		TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
<b>105mm snap numbering strip</b>		TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
<b>Single marking tag</b>		CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
<b>Single marking tag for pitch insert</b>		CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)	CNU/10/51 (cod. NU1051S)
<b>End bracket</b>	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)