



EFC.4 SERIES

SPRING CLAMP TERMINAL BLOCKS WITH PUSH-IN TECHNOLOGY



- Reduced wiring time
- Wire release button

Ex 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



GREY VERSION	CODE TYPE	EFC400GR	EFC.4/GR	EFC410GR	EFC.4/1+2/GR	EFC420GR	EFC.4/2+2/GR
BLUE VERSION	CODE TYPE	EFC400BL	EFC.4/BL	EFC410BL	EFC.4/1+2/BL	EFC420BL	EFC.4/2+2/BL

TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through	Feed-through
Rated cross-section	(mm ²)	4	4	4
Connecting capacity	Flexible (mm ²)	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
	Rigid (mm ²)	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
	Max.flexible with ferrule - ferrule type (mm ²)	4 - WP40/16	4 - WP40/16	4 - WP40/16
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)	32	32	32
	Section Caliber	A4	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600	600
	Max current with rated cross-section (A)	30	30	30
	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)	26	26	26
	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)		10	10	10
Width (mm)		6.2	6.2	6.2
Length (mm)		55.2	71.8	88.4
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.4/PT/GR (cod. EFC401GR)	EFC.4/1+2/PT/GR (cod. EFC411GR)	EFC.4/2+2/PT/GR (cod. EFC421GR)
	Blue	EFC.4/PT/BL (cod. EFC401BL)	EFC.4/1+2/PT/BL (cod. EFC411BL)	EFC.4/2+2/PT/BL (cod. EFC421BL)
Cross connection	Thickness (mm)	1.5	1.5	1.5
	(1)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
Coloured partition	Rated current / Rated current ATEX applications (A)	32 / 26	32 / 26	32 / 26
	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.4 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	EFCE400	EFCE410	EFCE420
			EFCE.4	EFCE.4/1+2	EFCE.4/2+2
TECHNICAL CHARACTERISTICS					
Function/type			Earth terminal blocks	Earth terminal blocks	Earth terminal blocks
Rated cross-section		[mm ²]	4	4	4
Connecting capacity	Flexible	[mm ²]	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
	Rigid	[mm ²]	0,2 ÷ 6	0,2 ÷ 6	0,2 ÷ 6
	Max.flexible with ferrule - ferrule type	[mm ²]	4 - WP40/16	4 - WP40/16	4 - WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	-	-	-
	Max current with rated cross-section	[A]	-	-	-
Electrical characteristics According to UL	Section	Caliber	A4	A4	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]	24 - 10	24 - 10	24 - 10
	Max AC/DC Voltage	[V]	-	-	-
Rated impulse withstand voltage/pollution degree	Max current with rated cross-section	[A]	26	26	26
	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]	10	10	10
Width		[mm]	6.2	6.2	6.2
Length		[mm]	55.2	71.8	88.4
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			EFCE400	EFCE410	EFCE420
End section	Grey		EFC.4/PT/GR (cod. EFC401GR)	EFC.4/1+2/PT/GR (cod. EFC411GR)	EFC.4/2+2/PT/GR (cod. EFC421GR)
	Blue		EFC.4/PT/BL (cod. EFC401BL)	EFC.4/1+2/PT/BL (cod. EFC411BL)	EFC.4/2+2/PT/BL (cod. EFC421BL)
	Thickness	[mm]	1.5	1.5	1.5
Cross connection	(1)		EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
	Rated current / Rated current ATEX applications	[A]	32 / 26	32 / 26	32 / 26
Coloured partition	red		DFF.1+1/R (cod. DFF01R)	DFF.1+2/R (cod. DFF02R)	DFF.2+2/R (cod. DFF03R)
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)