

- 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	EFC200GR	EFC210GR	EFC220GR
	TYPE	EFC.2/GR	EFC.2/1+2/GR	EFC.2/2+2/GR
BLUE VERSION	CODE	EFC200BL	EFC210BL	EFC220BL
	TYPE	EFC.2/BL	EFC.2/1+2/BL	EFC.2/2+2/BL

TECHNICAL CHARACTERISTICS

Function/type		Feed-through	Feed-through	Feed-through
Rated cross-section	[mm²]	2.5	2.5	2.5
Connecting capacity	Flexible [mm²]	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
	Rigid [mm²]	0,2 ÷ 4	0,2 ÷ 4	0,2 ÷ 4
	Max.flexible with ferrule - ferrule type [mm²]	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...) 24 / 20	EFB.2/.../... (cod. EFB02...) 24 / 20	EFB.2/.../... (cod. EFB02...) 24 / 20
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 35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)

EFC.4 SERIES

SPRING CLAMP TERMINAL BLOCKS WITH PUSH-IN TECHNOLOGY



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GREY VERSION	CODE	EFC400GR	EFC410GR	EFC420GR
BLUE VERSION	CODE	EFC400BL	EFC410BL	EFC420BL
	TYPE	EFC.4/GR	EFC.4/1+2/GR	EFC.4/2+2/GR
	TYPE	EFC.4/BL	EFC.4/1+2/BL	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 35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)