

EFC.1 SERIES

PUSH-IN TECHNOLOGY 1 LEVEL FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button

	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
--	---	--

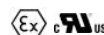
[1] See chapter accessories for more details



EFC SPRING CLAMPS

GREY VERSION		PART NUMBER	EFC100GR	EFC110GR	EFC120GR
		TYPE	EFC.1/GR	EFC.1/1+2/GR	EFC.1/2+2/GR
BLUE VERSION		PART NUMBER	EFC100BL	EFC110BL	EFC120BL
		TYPE	EFC.1/BL	EFC.1/1+2/BL	EFC.1/2+2/BL
TECHNICAL CHARACTERISTICS					
Function/type			Feed-through	Feed-through	Feed-through
Rated cross-section			1.5 mm ²	1.5 mm ²	1.5 mm ²
Connecting capacity	Flexible wire		0.2-1.5 mm ²	0.2-1.5 mm ²	0.2-1.5 mm ²
	Rigid wire		0.2-1.5 mm ²	0.2-1.5 mm ²	0.2-1.5 mm ²
	Wire with ferrule - ferrule type		1.5 mm ² - WP15/14	1.5 mm ² - WP15/14	1.5 mm ² - WP15/14
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC		630 V	630 V	630 V
	Current with rated cross-section		17.5 A	17.5 A	17.5 A
	Caliber		A1 - B1	A1 - B1	A1 - B1
Electrical characteristics according to UL Standard	Maximum voltage AC/DC		300V (UG D) - 150V (UG B,C)	300V (UG D) - 150V (UG B,C)	300V (UG D) - 150V (UG B,C)
	Current with rated cross-section		15 A	15 A	15 A
	Section [min-max]		26-14 (AWG)	26-14 (AWG)	26-14 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC		440 V	440 V	440 V
	Current with rated cross-section		17 A	17 A	17 A
	Operating temperature Min/Max		-40 °C / +110 °C	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree			6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length			8 mm	8 mm	8 mm
Width (pitch)			3.5 mm	3.5 mm	3.5 mm
Length			44.9 mm	56.4 mm	68 mm
Height mounted on TH35-7.5/TH35-15/G32			36.5 / 44 / - mm	36.5 / 44 / - mm	36.5 / 44 / - mm
Insulation material temperature index (EN 60216-1)			130 °C	130 °C	130 °C
Plastic material			Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



ACCESSORIES					
End section	Grey		EFC.1/PT/GR (cod. EFC101GR)	EFC.1/1+2/PT/GR (cod. EFC111GR)	EFC.1/2+2/PT/GR (cod. EFC121GR)
	Blue		EFC.1/PT/BL (cod. EFC101BL)	EFC.1/1+2/PT/BL (cod. EFC111BL)	EFC.1/2+2/PT/BL (cod. EFC121BL)
	Thickness		1.5 mm	1.5 mm	1.5 mm
Cross-connection	[1]		EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)	EFB.1/.../... (cod. EFB01...)
	Rated current carrying capacity IEC/ATEX		17.5 A / 16 A	17.5 A / 16 A	17.5 A / 16 A
Coloured partition plate			DFE.1+1/R (cod. DFE01R)	DFE.1+2/R (cod. DFE02R)	DFE.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip		TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip		TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag		CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
	Single marking tag for pitch insertion		CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)	CNU/8/35 (cod. NU0835S), CNU/10/35 (cod. NU1035S)
End bracket	TH35 screw type		BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type		BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type		BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35		PR/3/..	PR/3/..	PR/3/..

EFC.2 SERIES

PUSH-IN TECHNOLOGY 1 LEVEL FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button

	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	PART NUMBER TYPE	EFC200GR	EFC210GR	EFC220GR
		EFC.2/GR	EFC.2/1+2/GR	EFC.2/2+2/GR
BLUE VERSION	PART NUMBER TYPE	EFC200BL	EFC210BL	EFC220BL
		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	2.5 mm ²	2.5 mm ²	2.5 mm ²
Connecting capacity	Flexible wire	0.2-4 mm ²	0.2-4 mm ²
	Rigid wire	0.2-4 mm ²	0.2-4 mm ²
	Wire with ferrule - ferrule type	2.5 mm ² - WP25/19	2.5 mm ² - WP25/19
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V
	Current with rated cross-section	24 A	24 A
	Caliber	A3	A3
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V	600 V
	Current with rated cross-section	20 A	20 A
	Section [min-max]	24-12 [AWG]	24-12 [AWG]
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V
	Current with rated cross-section	20 A	20 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	9 mm	9 mm	9 mm
Width (pitch)	5.2 mm	5.2 mm	5.2 mm
Length	49.6 mm	63.1 mm	76.6 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



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	1.5 mm	1.5 mm	1.5 mm
	[1]	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)	EFB.2/.../... (cod. EFB02...)
Coloured partition plate	Rated current carrying capacity IEC/ATEX	24 A / 20 A	24 A / 20 A	24 A / 20 A
		DFE.1+1/R (cod. DFE01R)	DFE.1+2/R (cod. DFE02R)	DFE.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..

EFC.4 SERIES

PUSH-IN TECHNOLOGY 1 LEVEL FEED-THROUGH TERMINAL BLOCKS



- Reduced wiring time
- Wire release push button

	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



EFC SPRING CLAMPS

GREY VERSION	PART NUMBER TYPE	EFC400GR	EFC.4/GR	EFC410GR	EFC.4/1+2/GR	EFC420GR	EFC.4/2+2/GR
BLUE VERSION	PART NUMBER 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	4 mm ²	4 mm ²	4 mm ²
Connecting capacity	Flexible wire	0.2-6 mm ²	0.2-6 mm ²
	Rigid wire	0.2-6 mm ²	0.2-6 mm ²
	Wire with ferrule - ferrule type	4 mm ² - WP40/16	4 mm ² - WP40/16
Electrical characteristics according to IEC EN standard	Maximum voltage AC/DC	800 V	800 V
	Current with rated cross-section	32 A	32 A
	Caliber	A4	A4
Electrical characteristics according to UL Standard	Maximum voltage AC/DC	600 V	600 V
	Current with rated cross-section	30 A	30 A
	Section [min-max]	24-10 (AWG)	24-10 (AWG)
Electrical characteristics according to ATEX directive and IEC Ex standard	Maximum voltage AC/DC	500 V	500 V
	Current with rated cross-section	26 A	26 A
	Operating temperature Min/Max	-40 °C / +110 °C	-40 °C / +110 °C
Rated impulse withstand voltage / pollution degree	6 kV / 3	6 kV / 3	6 kV / 3
Insulation stripping length	10 mm	10 mm	10 mm
Width (pitch)	6.2 mm	6.2 mm	6.2 mm
Length	55.2 mm	71.8 mm	88.4 mm
Height mounted on TH35-7.5/TH35-15/G32	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm	39.2 / 46.7 / - mm
Insulation material temperature index (EN 60216-1)	130 °C	130 °C	130 °C
Plastic material	Polyamide UL94V-0	Polyamide UL94V-0	Polyamide UL94V-0

APPROVALS AND MARKINGS



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	1.5 mm	1.5 mm	1.5 mm
	[1]	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)	EFB.4/.../... (cod. EFB04...)
Coloured partition plate	Rated current carrying capacity IEC/ATEX	32 A / 26 A	32 A / 26 A	32 A / 26 A
		D.FE.1+1/R (cod. DFE01R)	D.FE.1+2/R (cod. DFE02R)	D.FE.2+2/R (cod. DFE03R)
Marking	Adhesive numbering strip	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)	TMM102105AW (cod. TMM102105AW)
	Snap-on numbering strip	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)	TMM102105W (cod. TMM102105W)
	Single marking tag	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)	CNU/8/51 (cod. NU0851S), CNU/10/51 (cod. NU1051S)
	Single marking tag for pitch insertion	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)	CNU/8/61 (cod. NU0861S), CNU/10/61 (cod. NU1061S)
End bracket	TH35 screw type	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)
	TH35 snap-fit type	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	TH35 and G32 snap-fit type	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	DIN rail according to IEC 60715/TH35	PR/3/..	PR/3/..	PR/3/..