

Single Level Feed-Through Spring Clamp Terminal Block



INERIS 16 ATEX 9002 U
I M2 Ex e I Mb
II 2 G Ex e IIC Gb

IECEx INE 16.0032U
Ex e I Mb
Ex e IIC Gb



GREY VERSION	CODE	HM400GR	HM410GR	HM420GR
BLUE VERSION	CODE	HI400	HI410	HI420
	TYPE	HMM.1/GR	HMM.1/1+2/GR	HMM.1/2+2/GR
	TYPE	HMM.1 (EX)I	HMM.1/1+2 (EX)I	HMM.1/2+2 (EX)I

TECHNICAL CHARACTERISTICS

Function/type	feed-through	feed-through	feed-through		
Rated cross-section	[mm ²]	1.5	1.5	1.5	
Connecting capacity	Flexible	[mm ²]	0.2-2.5	0.2-2.5	0.2-2.5
	Rigid	[mm ²]	0.2-2.5	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	[mm ²]	1.5-WP15/14	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	500	500	500
	Max current with rated cross-section	[A]	17.5	17.5	17.5
	Section	Caliber	B2	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600	600
	Max current with rated cross-section	[A]	15	15	15
	Section Min - Max	[AWG]	26-14	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	400	400	400
	Max current with rated cross-section	[A]	17.5	17.5	17.5
	Operating temperature	[°C]	-40 +80	-40 +80	-40 +80
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3	
Insulation stripping length	[mm]	9	9	9	
Length	[mm]	45	56	65	
Width	[mm]	4.2	4.2	4.2	
Height mounted on TH35/7.5	[mm]	43	43	43	
Height mounted on TH35/15	[mm]	51	51	51	
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	HMT.1/PT/GR (cod. HM401GR)	HMT.1/1+2/PT/GR (cod. HM411GR)	HMT.1/2+2/PT/GR (cod. HM421GR)
	Blue	HMT.1/PT (Ex)i (cod. HI401)	HMT.1/1+2/PT (Ex)i (cod. HI411)	HMT.1/2+2/PT (Ex)i (cod. HI421)
Cross connection	Thickness	[mm]	1.5	1.5
	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)	-	-	-
Cross-connection identification strip	Rated current	[A]	17.5	17.5
	green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	red	DFH/1/R (cod. DH01R)	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)
Cross connection barrier	red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug	-	-	-	-
Modular test plug	SDH/4 (cod. DH004)	SDH/4 (cod. DH004)	SDH/4 (cod. DH004)	
End section for modular test plug	SH4/PT (cod. DH401)	SH4/PT (cod. DH401)	SH4/PT (cod. DH401)	
Numbering strip	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	
Screwdriver for activation of the spring	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)	
Marking tag	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)	
	-	-	-	
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)	BT/3 (cod. BT003)