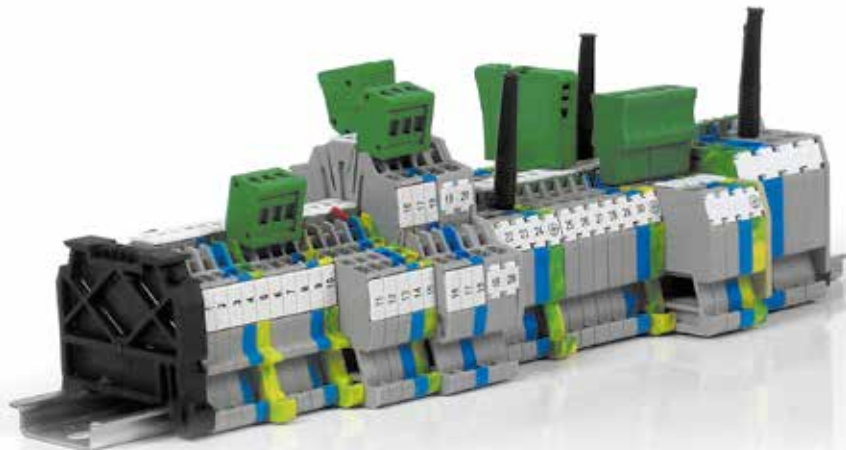


Spring-Clamp Terminal Blocks



SPRING CLAMP



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For the creation of high harness volumes, for conductors from 0.2 to 25 mm² and reduced current intensity values, CABUR proposes its range of spring-clamp terminal blocks.

To protect the clamping system, the insulating body includes a stopper which prevents the spring from going beyond the threshold of its elastic field, if it is activated by inexpert hands.

Adequate sizing of the wire introduction chamber, responding to the requirements of the IEC 60947-1 Standard, guarantees insertion of any type of conductor of the nominal size, also butted with a terminal.

The connection that results from this, in relation to the technology adopted, has the maximum reliability and safety thanks to the quality of the materials used and to the particular conformation of the components needed

for the purpose, avoiding damage to the strands of the conductors in the presence of unprepared flexible wires. The wire entry is perpendicular to the installation surface determining a further reduction of times and costs of the wiring operations above all where the spaces are particularly limited.

To connect together several contiguous elements, a practical and safe bridging system is available.

Terminal blocks with rated cross-sections of between 1.5 and 16 mm² have the possibility of being connected together in the most disparate ways thanks to our exclusive "Easy Bridge" rapid connection system (PTC), which combines efficiency, rapidity and flexibility providing at the same time an exceptional economic result; these characteristics together with the resulting **IPXXB intrinsic installation without the aid of further insulation protections** (of wires, terminal blocks and parallel connections), guarantees better connectivity than that offered by the competitors.



CNU/8

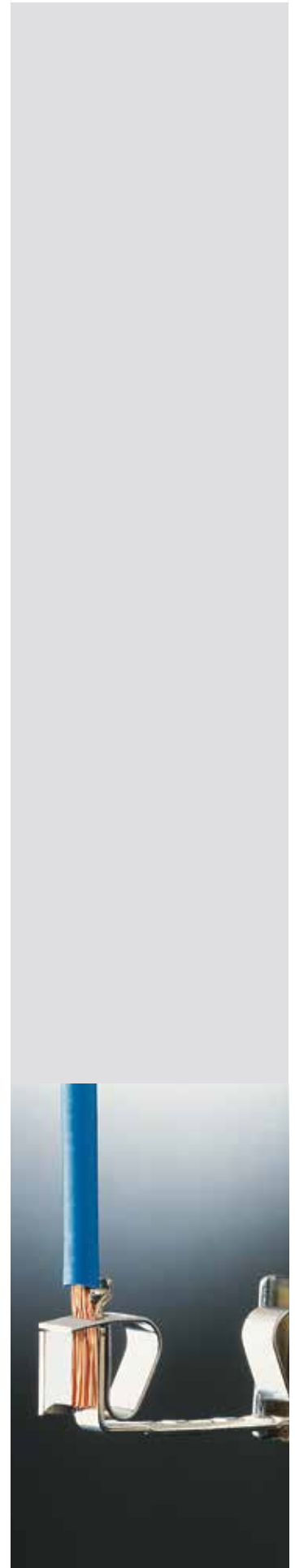


SHZ

MARKING SYSTEMS

In our marking system the same multiple numbering strip (SHZ) can be inserted on the sides of the terminal block or in the specific seats present in the upper part of the terminal block itself.

This means easy identification of each terminal block from every viewing angle within the electrical panel. The numbering can be done also with the single standard-type CNU/8 tags.





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(1) See chapter accessories for more details



GREY VERSION	CODE	HM400GR	HM410GR	HM420GR
TYPE		HMM.1/GR	HMM.1/1+2/GR	HMM.1/2+2/GR
BLUE VERSION	CODE	HI400	HI410	HI420
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
	Rigid	[mm ²]	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	[mm ²]	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
	Current with rated cross-section	[A]	17.5	17.5
Electrical characteristics According to UL	Section	Caliber	B2	B2
	Max AC/DC Voltage	[V]	600	600
	Current with rated cross-section	[A]	15	15
Electrical characteristics According to ATEX directive and IEC ex standard	Section Min - Max	[AWG]	26-14	26-14
	Max AC/DC voltage	[V]	400	400
Rated impulse withstand voltage/pollution degree	Current with rated cross-section	[A]	17.5	17.5
	Operating temperature	[°C]	-40 +80	-40 +80
Insulation stripping length	[mm]	8 KV / 3	8 KV / 3	8 KV / 3
Length	[mm]	9	9	9
Width	[mm]	45	56	65
Height mounted on TH35/7.5	[mm]	4.2	4.2	4.2
Height mounted on TH35/15	[mm]	43	43	43
Insulation material temperature index (EN 60216-1)	[°C]	51	51	51
Plastic material		130	130	130
		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)
	Thickness	[mm]	1.5	1.5
Cross connection	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)	-	-	-
	Rated current	[A]	17.5	17.5
Cross-connection identification strip	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)

SPRING CLAMP



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(1) See chapter accessories for more details

GREY VERSION	CODE	HM500GR	HM510GR	HM520GR
	TYPE	HMM.2/GR	HMM.2/1+2/GR	HMM.2/2+2/GR
BLUE VERSION	CODE	HI500	HI510	HI520
	TYPE	HMM.2 (EX)I	HMM.2/1+2 (EX)I	HMM.2/2+2 (EX)I



TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	[mm ²]	2.5	2.5	2.5
Connecting capacity	Flexible	[mm ²] 0.2-4	0.2-4	0.2-4
	Rigid	[mm ²] 0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type	[mm ²] 2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V] 800	800	800
	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
	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
	Current with rated cross-section	[A] 24	24	24
	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]	10	10	10
Length	[mm]	50	66	82
Width	[mm]	5.2	5.2	5.2
Height mounted on TH35/7.5	[mm]	41	41	41
Height mounted on TH35/15	[mm]	49	49	49
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.2/PT/GR (cod. HM501GR)	HMT.2/1+2/PT/GR (cod. HM511GR)	HMT.2/2+2/PT/GR (cod. HM521GR)
	Blue	HMT.2/PT (Ex)I (cod. HI501)	HMT.2/1+2/PT (Ex)I (cod. HI511)	HMT.2/2+2/PT (Ex)I (cod. HI521)
	Thickness	[mm] 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)
	Rated current	[A] 24	24	24
Cross-connection identification strip	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	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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)



(1) See chapter accessories for more details

GREY VERSION	CODE TYPE	HMS20GR HMM.2/1+2/S/GR	HM170GR HMM.2/2+2/A/GR	HMS10GR HMM.2/2+2/S/GR
BLUE VERSION	CODE TYPE			

TECHNICAL CHARACTERISTICS

Function/type		disconnect	disconnect (open version)	disconnect
Rated cross-section	[mm ²]	2.5	2.5	2.5
Connecting capacity	Flexible [mm ²]	0.2-4	0.2-4	0.2-4
	Rigid [mm ²]	0.2-4	0.2-4	0.2-4
	Max. flexible with ferrule - ferrule type [mm ²]	2.5-WP25/14	2.5-WP25/14	2.5-WP25/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage [V]	400	400	400
	Current with rated cross-section [A]	16	16	16
	Section Caliber	A3	A3	A3
Electrical characteristics According to UL	Max AC/DC Voltage [V]	-	-	-
	Current with rated cross-section [A]	-	-	-
	Section Min - Max [AWG]	-	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage [V]	-	-	-
	Current with rated cross-section [A]	-	-	-
	Operating temperature [°C]	-	-	-
Rated impulse withstand voltage/pollution degree		6 KV / 3	4 KV / 3	6 KV / 3
Insulation stripping length	[mm]	10	10	10
Length	[mm]	66	82	82
Width	[mm]	5.2	5.2	5.2
Height mounted on TH35/7.5	[mm]	48	37	48
Height mounted on TH35/15	[mm]	56	45	56
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.2/1+2/PT/GR (cod. HM511GR)	HMT.2/2+2/PT/GR (cod. HM521GR)	HMT.2/2+2/PT/GR (cod. HM521GR)
	Blue	-	-	-
	Thickness [mm]	1.5	1.5	1.5
Cross connection	PTC version (1)	-	-	-
	PTP version (1)	-	-	-
	Rated current [A]	-	-	-
Cross-connection identification strip	green	-	-	-
Coloured partition	red	DFH/2/R (cod. DH02R)	DFH/3/R (cod. DH03R)	DFH/3/R (cod. DH03R)
Cross connection barrier	red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/5 (cod. DH005)	SDH/5 (cod. DH005)	SDH/5 (cod. DH005)
End section for modular test plug		SH5/PT (cod. DH501)	SH5/PT (cod. DH501)	SH5/PT (cod. DH501)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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)



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(1) See chapter accessories for more details

GREY VERSION	CODE	HM250GR	HM210GR	HM220GR
BLUE VERSION	CODE	HI250	HI210	HI220
	TYPE	HMM.4/GR	HMM.4/1+2/GR	HMM.4/2+2/GR
	TYPE	HMM.4 (EX)I	HMM.4/1+2 (EX)I	HMM.4/2+2 (EX)I

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
	Rigid	[mm ²]	0.2-6	0.2-6
	Max. flexible with ferrule - ferrule type	[mm ²]	4-WP40/16	4-WP40/16
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V]	800	800
	Current with rated cross-section	[A]	32	32
	Section	Caliber	A4	A4
Electrical characteristics According to UL	Max AC/DC Voltage	[V]	600	600
	Current with rated cross-section	[A]	30	30
	Section Min - Max	[AWG]	28 -10	28 -10
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V]	500	500
	Current with rated cross-section	[A]	32	32
	Operating temperature	[°C]	-40 +80	-40 +80
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	8 KV / 3
Insulation stripping length	[mm]	12	12	12
Length	[mm]	58	78	98
Width	[mm]	6.2	6.2	6.2
Height mounted on TH35/7.5	[mm]	45	45	45
Height mounted on TH35/15	[mm]	52	52	52
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.4/PT/GR (cod. HM251GR)	HMT.4/1+2/PT/GR (cod. HM211GR)	HMT.4/1+2/PT/GR (cod. HM221GR)
	Blue	HMT.4/PT (Ex)I (cod. HI251)	HMT.4/1+2/PT (Ex)I (cod. HI211)	HMT.4/1+2/PT (Ex)I (cod. HI221)
	Thickness	[mm]	1.5	1.5
Cross connection	PTC version (1)	PTC/5/... (cod. PTC05...)	PTC/5/... (cod. PTC05...)	PTC/5/... (cod. PTC05...)
	PTP version (1)	PTP/5/... (cod. PTP05...)	PTP/5/... (cod. PTP05...)	PTP/5/... (cod. PTP05...)
	Rated current	[A]	32	32
Cross-connection identification strip	green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Coloured partition	red	DFH/1/R (cod. DH01R)	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		SDH/6 (cod. DH006)	SDH/6 (cod. DH006)	SDH/6 (cod. DH006)
End section for modular test plug		SH6/PT (cod. DH601)	SH6/PT (cod. DH601)	SH6/PT (cod. DH601)
Numbering strip		CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)	CNU/8/61 (cod. NU0861S)
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		CNU/8/61 (cod. NU0861S)	CNU/8/51 (cod. NU0851S)	CNU/8/61 (cod. NU0861S)
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)

SPRING CLAMP



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GREY VERSION	CODE TYPE	HM320GR	HM330GR	HM340GR
		HMM.6/GR	HMM.10/GR	HMM.16/GR
BLUE VERSION	CODE TYPE	HI320	HI330	HI340
		HMM.6 (EX)I	HMM.10 (EX)I	HMM.16 (EX)I

TECHNICAL CHARACTERISTICS

Function/type		feed-through	feed-through	feed-through
Rated cross-section	[mm ²]	6	10	16
Connecting capacity	Flexible	[mm ²] 0.2-10	1.5-16	1.5-25
	Rigid	[mm ²] 0.2-10	1.5-16	1.5-25
	Max. flexible with ferrule - ferrule type	[mm ²] 6-WP60/20	10-WP100/21	16-WP160/22
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	[V] 800	1000	1000
	Current with rated cross-section	[A] 41	57	76
	Section	Caliber A5	A6	A7
Electrical characteristics According to UL	Max AC/DC Voltage	[V] 600	600	600
	Current with rated cross-section	[A] 41	57	85
	Section Min - Max	[AWG] 24 - 8	20 - 6	18 - 4
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V] 500	500	630
	Current with rated cross-section	[A] 41	57	76
	Operating temperature	[°C] -40 +80	-40 +80	-40 +80
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3	12 KV / 3
Insulation stripping length	[mm]	13	18	18
Length	[mm]	62	71	80
Width	[mm]	8.2	10	12
Height mounted on TH35/7.5	[mm]	48	53	56
Height mounted on TH35/15	[mm]	56	61	64
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.6/PT/GR (cod. HM321GR)	HMT.10/PT/GR (cod. HM331GR)	HMT.16/PT/GR (cod. HM341GR)
	Blue	HMT.6/PT (Ex)i (cod. HI321)	HMT.10/PT (Ex)i (cod. HI331)	HMT.16/PT (Ex)i (cod. HI341)
	Thickness	[mm] 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/8/... (cod. PTC08...)	PTC/11/... (cod. PTC11...)	PTC/16/... (cod. PTC16...)
	PTP version (1)	-	-	-
	Rated current	[A] 41	57	76
Cross-connection identification strip	green	PTC/SP (cod. PTC0990)	-	-
Coloured partition	red	DFH/1/R (cod. DH01R)	DFH/4/R (cod. DH04R)	DFH/4/R (cod. DH04R)
Cross connection barrier	red	-	-	-
Test plug		SDD/1 (cod. DD001)	SDD/1 (cod. DD001)	SDD/1 (cod. DD001)
Modular test plug		-	-	-
End section for modular test plug		-	-	-
Numbering strip		-	-	-
Screwdriver for activation of the spring		CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)	CCH/6 (cod. CCH06)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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)



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(1) See chapter accessories for more details



GREY VERSION	CODE	HD200GR	HMD.1/GR	HD120GR
BLUE VERSION	CODE	HD300	HMD.1 (EX)I	HMD 1/CI/GR

TECHNICAL CHARACTERISTICS

Function/type		two-level feed-through	two-levels and internal connection
Rated cross-section	(mm ²)	1.5	1.5
Connecting capacity	Flexible (mm ²)	0.2-2.5	0.2-2.5
	Rigid (mm ²)	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type (mm ²)	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
	Current with rated cross-section (A)	16	16
	Section (Caliber)	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600
	Current with rated cross-section (A)	15	15
	Section Min - Max (AWG)	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage (V)	400	400
	Current with rated cross-section (A)	24	24
	Operating temperature (°C)	-40 +80	-40 +80
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3
Insulation stripping length (mm)		10	10
Length (mm)		73	73
Width (mm)		4.2	4.2
Height mounted on TH35/7.5 (mm)		59	59
Height mounted on TH35/15 (mm)		67	67
Insulation material temperature index (EN 60216-1) (°C)		130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue	HMD.1/PT (Ex)I (cod. HD301)	HMD.1/PT (Ex)I (cod. HD301)
	Thickness (mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/1/... (cod. PTC01...)
	PTP version (1)	-	-
	Rated current (A)	17.5	17.5
Cross-connection identification strip	green	PTC/SP (cod. PTC0990)	PTC/SP (cod. PTC0990)
Internal cross connection (removable)		-	-
Coloured partition	red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-
Modular test plug		SDH/4 (cod. DH004)	SDH/4 (cod. DH004)
End section for modular test plug		SH4/PT (cod. DH401)	SH4/PT (cod. DH401)
Numbering strip		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)
Marking tag		SHZ/1 (cod. SH004)	SHZ/1 (cod. SH004)
		-	-
		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)





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

(1) See chapter accessories for more details



GREY VERSION	CODE	HD400GR	HD450GR
BLUE VERSION	TYPE	HMD.2N/GR	HMD.2N/CI/GR
	CODE	HD410	
	TYPE	HMD.2N (EX)I	

TECHNICAL CHARACTERISTICS

Function/type		two-level feed-through	two-levels and internal connection
Rated cross-section	(mm ²)	2,5	2,5
Connecting capacity	Flexible (mm ²)	0.2-2.5	0.2-2.5
	Rigid (mm ²)	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type (mm ²)	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	630	630
	Current with rated cross-section (A)	24	24
	Section (Caliber)	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600	600
	Current with rated cross-section (A)	15	15
	Section Min - Max (AWG)	26-14	26-14
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage (V)	400	400
	Current with rated cross-section (A)	24	24
	Operating temperature (°C)	-40 +80	-40 +80
Rated impulse withstand voltage/pollution degree		8 KV / 3	8 KV / 3
Insulation stripping length (mm)		10	10
Length (mm)		73	73
Width (mm)		5.2	5.2
Height mounted on TH35/7.5 (mm)		59	59
Height mounted on TH35/15 (mm)		67	67
Insulation material temperature index (EN 60216-1) (°C)		130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0

APPROVALS

ACCESSORIES

End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue	HMD.1/PT (Ex)I (cod. HD301)	HMD.1/PT (Ex)I (cod. HD301)
	Thickness (mm)	1,5	1,5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	PTP/03/... (cod. PTP03...)	PTP/03/... (cod. PTP03...)
	Rated current (A)	24	24
Cross-connection identification strip	green	-	-
Internal cross connection (removable)		-	-
Coloured partition	red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-
Modular test plug		SDH/7 (cod. DH007)	SDH/7 (cod. DH007)
End section for modular test plug		SH7/PT (cod. DH701)	SH7/PT (cod. DH701)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)





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

(1) See chapter accessories for more details

GREY VERSION	CODE	HD100GR
	TYPE	HMD.2/GR
BLUE VERSION	CODE	
	TYPE	

TECHNICAL CHARACTERISTICS

Function/type		two-level feed-through
Rated cross-section	(mm ²)	2.5
Connecting capacity	Flexible (mm ²)	0.2-4
	Rigid (mm ²)	0.2-4
	Max. flexible with ferrule - ferrule type (mm ²)	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	630
	Current with rated cross-section (A)	24
	Section (Caliber)	A3
Electrical characteristics According to UL	Max AC/DC Voltage (V)	600
	Current with rated cross-section (A)	20
	Section Min - Max (AWG)	24-12
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage (V)	400
	Current with rated cross-section (A)	24
	Operating temperature (°C)	-40 +80
Rated impulse withstand voltage/pollution degree		8 KV / 3
Insulation stripping length	(mm)	10
Length	(mm)	91
Width	(mm)	5.2
Height mounted on TH35/7.5	(mm)	49
Height mounted on TH35/15	(mm)	56
Insulation material temperature index (EN 60216-1)	(°C)	130
Plastic material		polyamide UL94V-0

APPROVALS



ACCESSORIES		
End section	Grey	HMD/PT/GR (cod. HD101GR)
	Blue	-
	Thickness (mm)	1.5
Cross connection	PTC version (1)	PH/2.5-4 (cod. PH100)
	PTP version (1)	PHD/2 (cod. PHD02)
	Rated current (A)	24
Cross-connection identification strip	green	-
Internal cross connection (removable)		PHD/2 (cod. PHD02)
Coloured partition	red	DFH/4/R (cod. DH04R)
Cross connection barrier	red	
Test plug		-
Modular test plug		-
End section for modular test plug		-
Numbering strip		CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)(only lower level)
		-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)

• versions made ready for housing electronic components



(1) See chapter accessories for more details

GREY VERSION	CODE	HD130GR	HD440GR	HD441GR
BLUE VERSION	TYPE	HMD.1/X/GR	HMD.2N/X/GR	HMD.2N/X1/GR

TECHNICAL CHARACTERISTICS

Function/type		two level, arranged to contain electronic components	two level, arranged to contain electronic components	two-level, upper feed-through and lower disconnect
Rated cross-section	(mm ²)	1.5	2.5	2.5
Connecting capacity	Flexible	0.2-2.5	0.2-2.5	0.2-2.5
	Rigid	0.2-2.5	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type	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	630	630
	Current with rated cross-section	[A] 16	24	24
	Section	Caliber B2	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage	[V] 600	-	-
	Current with rated cross-section	[A] 15	-	-
	Section Min - Max	[AWG] 26-14	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage	[V] -	-	-
	Current with rated cross-section	[A] -	-	-
	Operating temperature	[°C] -	-	-
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3	8 KV / 3
Insulation stripping length	(mm)	10	10	10
Length	(mm)	73	73	73
Width	(mm)	4.2	5.2	5.2
Height mounted on TH35/7.5	(mm)	59	59	59
Height mounted on TH35/15	(mm)	67	67	67
Insulation material temperature index (EN 60216-1)	[°C]	130	130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0	polyamide UL94V-0

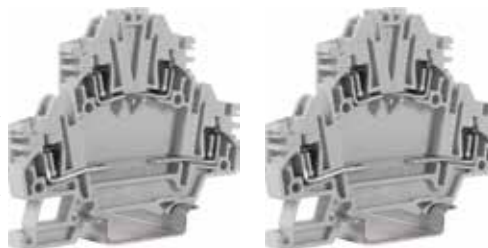
APPROVALS



ACCESSORIES

End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue	-	-	-
	Thickness	(mm) 1.5	1.5	1.5
Cross connection	PTC version (1)	PTC/1/... (cod. PTC01...)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	-	-	-
	Rated current	[A] 17.5	24	24
Cross-connection identification strip	green	PTC/SP (cod. PTC0990)	-	-
Internal cross connection (removable)		-	-	-
Coloured partition	red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
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/7 (cod. DH007)	SDH/7 (cod. DH007)
End section for modular test plug		SH4/PT (cod. DH401)	SH7/PT (cod. DH701)	SH7/PT (cod. DH701)
Numbering strip		SHZ/1 (cod. SH004)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
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)	CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-	-
		-	-	-
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)

- Versions made ready for housing electronic components and modular test plug



(1) See chapter accessories for more details

GREY VERSION	CODE TYPE	HD420GR	HD430GR
		HMD.2N/DD/GR	HMD.2N/3DC/GR
BLUE VERSION	CODE TYPE		

TECHNICAL CHARACTERISTICS

Function/type		version equipped with two 1N4007 diodes in feed-through configuration for each level	version equipped with three 1N4007 diodes and shared cathode
Rated cross-section	(mm ²)	2.5	2.5
Connecting capacity	Flexible (mm ²)	0.2-2.5	0.2-2.5
	Rigid (mm ²)	0.2-2.5	0.2-2.5
	Max. flexible with ferrule - ferrule type (mm ²)	1.5-WP15/14	1.5-WP15/14
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage (V)	630	630
	Current with rated cross-section (A)	24	24
	Section (Caliber)	B2	B2
Electrical characteristics According to UL	Max AC/DC Voltage (V)	-	-
	Current with rated cross-section (A)	-	-
	Section Min - Max (AWG)	-	-
Electrical characteristics According to ATEX directive and IEC ex standard	Max AC/DC voltage (V)	-	-
	Current with rated cross-section (A)	-	-
	Operating temperature (°C)	-	-
Rated impulse withstand voltage/pollution degree		6 KV / 3	6 KV / 3
Insulation stripping length (mm)		10	10
Length (mm)		73	73
Width (mm)		5.2	5.2
Height mounted on TH35/7.5 (mm)		59	59
Height mounted on TH35/15 (mm)		67	67
Insulation material temperature index (EN 60216-1) (°C)		130	130
Plastic material		polyamide UL94V-0	polyamide UL94V-0

APPROVALS



ACCESSORIES			
End section	Grey	HMD.1/PT/GR (cod. HD201GR)	HMD.1/PT/GR (cod. HD201GR)
	Blue	-	-
	Thickness (mm)	1.5	1.5
Cross connection	PTC version (1)	PTC/03/... (cod. PTC03...)	PTC/03/... (cod. PTC03...)
	PTP version (1)	-	-
	Rated current (A)	24	24
Cross-connection identification strip	green	-	-
Internal cross connection (removable)		-	-
Coloured partition	red	DFU/07/R (cod. DU07R)	DFU/07/R (cod. DU07R)
Cross connection barrier	red	DFM/500 (cod. DF500)	DFM/500 (cod. DF500)
Test plug		-	-
Modular test plug		SDH/7 (cod. DH007)	SDH/7 (cod. DH007)
End section for modular test plug		SH7/PT (cod. DH701)	SH7/PT (cod. DH701)
Numbering strip		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
Screwdriver for activation of the spring		CCH/2.5-4 (cod. CCH02)	CCH/2.5-4 (cod. CCH02)
Marking tag		CNU/8/51 (cod. NU0851S)	CNU/8/51 (cod. NU0851S)
		-	-
End bracket	Snap-fit TH35 and G32	BTU (cod. BT005)	BTU (cod. BT005)
	Snap-fit TH35	BTO (cod. BT007)	BTO (cod. BT007)
	Screw TH35	BT/3 (cod. BT003)	BT/3 (cod. BT003)