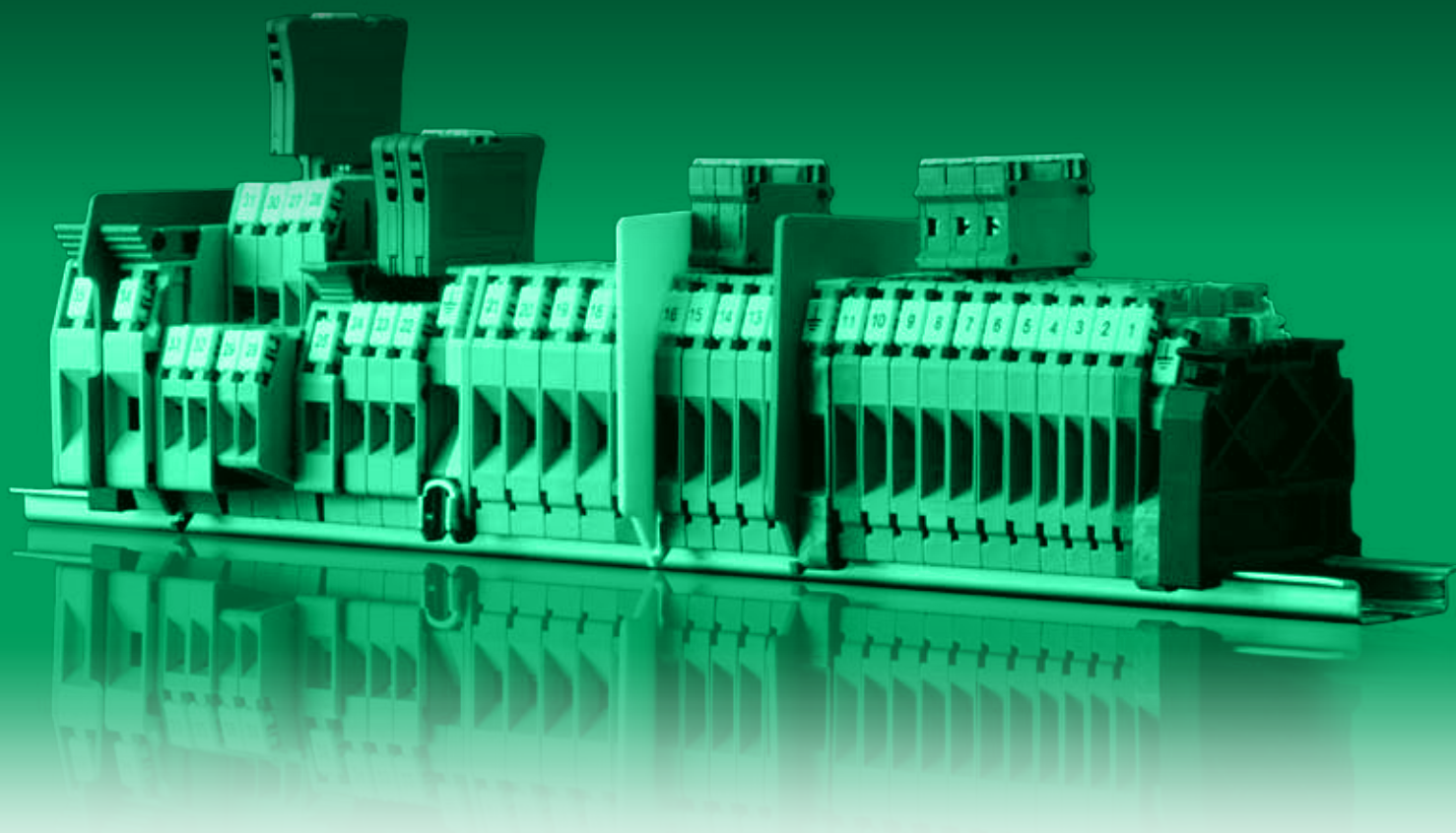


# Terminal blocks for electrical boards

*Short form*

Edition  
January 2010



**KLINKMANN**

[www.klinkmann.com](http://www.klinkmann.com)

 **cabur**

# CBC Series screw-clamp terminal blocks

\* Also suited to be used in photovoltaic systems



<b>Grey version</b>	<b>CBC.2/GR</b> Cat. No. CBC02GR	<b>CBC.4/GR</b> Cat. No. CBC04GR	<b>CBC.6/GR</b> Cat. No. CBC06GR	<b>CBC.10/GR</b> Cat. No. CBC10GR
<b>Beige version</b>	<b>CBC.2</b> Cat. No. CBC02	<b>CBC.4</b> Cat. No. CBC04	<b>CBC.6</b> Cat. No. CBC06	<b>CBC.10</b> Cat. No. CBC10
<b>(Ex)i version</b>	<b>CBC.2 (Ex)i</b> Cat. No. CBI02	<b>CBC.4 (Ex)i</b> Cat. No. CBI04	<b>CBC.6 (Ex)i</b> Cat. No. CBI06	<b>CBC.10 (Ex)i</b> Cat. No. CBI10
<b>For flexible/rigid conductors</b>	From 0,2 to 4 mm <sup>2</sup>	From 0,2 to 6 mm <sup>2</sup>	From 0,2 to 10 mm <sup>2</sup>	From 1,5 to 16 mm <sup>2</sup>
<b>Rated current conf. to IEC 60947-7-1</b>	24 A	32 A	41 A	57 A
<b>Rated voltage conf. to IEC 60947-7-1</b>	1000 V *	1000 V *	1000 V *	1000 V *
<b>Height / width / thickness (mm)</b>	<b>TH/35 7,5 mm</b> TH/35 15 mm	52 / 44 / 5 60 / 44 / 5	52 / 44 / 6 60 / 44 / 6	52 / 44 / 8 60 / 44 / 8

## ACCESSORIES

<b>End section</b>	CBC.2-10/PT/GR CBC.2-10/PT CBC.2-10/PT (Ex)i	CBC.2-10/PT/GR CBC.2-10/PT CBC.2-10/PT (Ex)i	CBC.2-10/PT/GR CBC.2-10/PT CBC.2-10/PT (Ex)i	CBC.2-10/PT/GR CBC.2-10/PT CBC.2-10/PT (Ex)i
<b>Permanent cross connections</b> (*): intrinsically IPXXB protected once mounted	PTC/2/02 poles - PTC/2/03 poles PTC/2/05 poles - PTC/2/10 poles PTC/2/00 (50 poles)	PTC/4/02 poles - PTC/4/03 poles PTC/4/05 poles - PTC/4/10 poles PTC/4/00 (50 poles)	PTC/6/02 poles - PTC/6/03 poles PTC/6/05 poles - PTC/6/10 poles PTC/6/00 (50 poles)	PTC/10/02 poles (*) - PTC/10/03 poles PTC/10/05 poles - PTC/10/10 poles PTC/10/00 (25 poles)
<b>Rated current carrying capacity of jumper - (A)</b>	24	32	41	57
<b>Cross-connection identification strip (100 mm) - green</b>	PTC/SP	PTC/SP	PTC/SP	PTC/SP
<b>Switchable cross connections</b>	-	-	-	-
<b>Multiple commoning bar - 250 mm</b>	-	-	-	-
<b>Cross connection screws and sleeves</b>	-	-	-	-
<b>Coloured partition</b>	DFU/4	DFU/4	DFU/4	DFU/4
<b>Cross connection barrier</b>	DFM/800 DFM/900	DFM/800 DFM/900	DFM/800 DFM/900	DFM/800 DFM/900
<b>Plug socket</b>	-	-	-	-
<b>Modular test plug</b>	SDC/5 SDC/5P	SDC/6 SDC/6P	-	-
<b>Polarising element</b>	SDC/POL	SDC/POL	-	-
<b>Numbering strip</b>	SNZ/508	SNZ/60	SNZ/8	SNZ/10
<b>Warning plate - on adjacent terminal blocks</b>	PRP/7/G (100 mm)	PRP/7/G (100 mm)	PRP/7/G (100 mm)	PRP/7/G (100 mm)
<b>Marking tags - numbered or neutral</b>	CNU/8	CNU/8 -CSC	CNU/8 -CSC	CNU/8 -CSC
<b>End bracket</b>	BTU for PR/DIN and PR/3 - BTO only for PR/3 - BT/3 only for PR/3			
<b>Mounting rail according to IEC 60715/G32</b>	-			
<b>Mounting rail according to IEC 60715/TH 35</b>	PR/3/AC for PR/DIN and PR/3 - PR/3/AS same with slots			
<b>Earth terminal block for PR/3 rail mounting</b>	<b>TEO.2</b> Cat. No. T0910	<b>TEO.4</b> Cat. No. T0430	<b>TEC.6/0</b> Cat. No. T0120	<b>TEC.10/0</b> Cat. No. T0510

# CBC Series



**CBC.16/GR**  
Cat. No. CBC16GR

**CBC.35/GR**  
Cat. No. CBC35GR

**CBC.16**  
Cat. No. CBC16

**CBC.35**  
Cat. No. CBC35

**CBC.16 (Ex)i**  
Cat. No. CBI16

**CBC.35 (Ex)i**  
Cat. No. CBI35

From 1,5 to 25 mm<sup>2</sup>

From 2,5 to 50 mm<sup>2</sup>

101 A (25 mm<sup>2</sup>)

150 A (50 mm<sup>2</sup>)

1000 V \*

1000 V \*

56 / 47 / 12  
64 / 47 / 12

63 / 56 / 16  
71 / 56 / 16

CBC.16/PT/GR  
CBC.16/PT  
CBC.16/PT (Ex)i

CBC.35/PT/GR  
CBC.35/PT  
CBC.35/PT (Ex)i

POF/53

POF/60

76

125

PTC/SP

–

POS/53

–

PMP/05

PMP/06

CPM/53

CPM/06

DFU/4

DFU/4

DFM/700

DFM/700

PSD/8

PSD/8

SDD/2

SDD/2

–

–

–

–

TUM/16 on 3 and 4

TUM/06 on 3 and 4

CNU/8 -CSC

CNU/8 -CSC

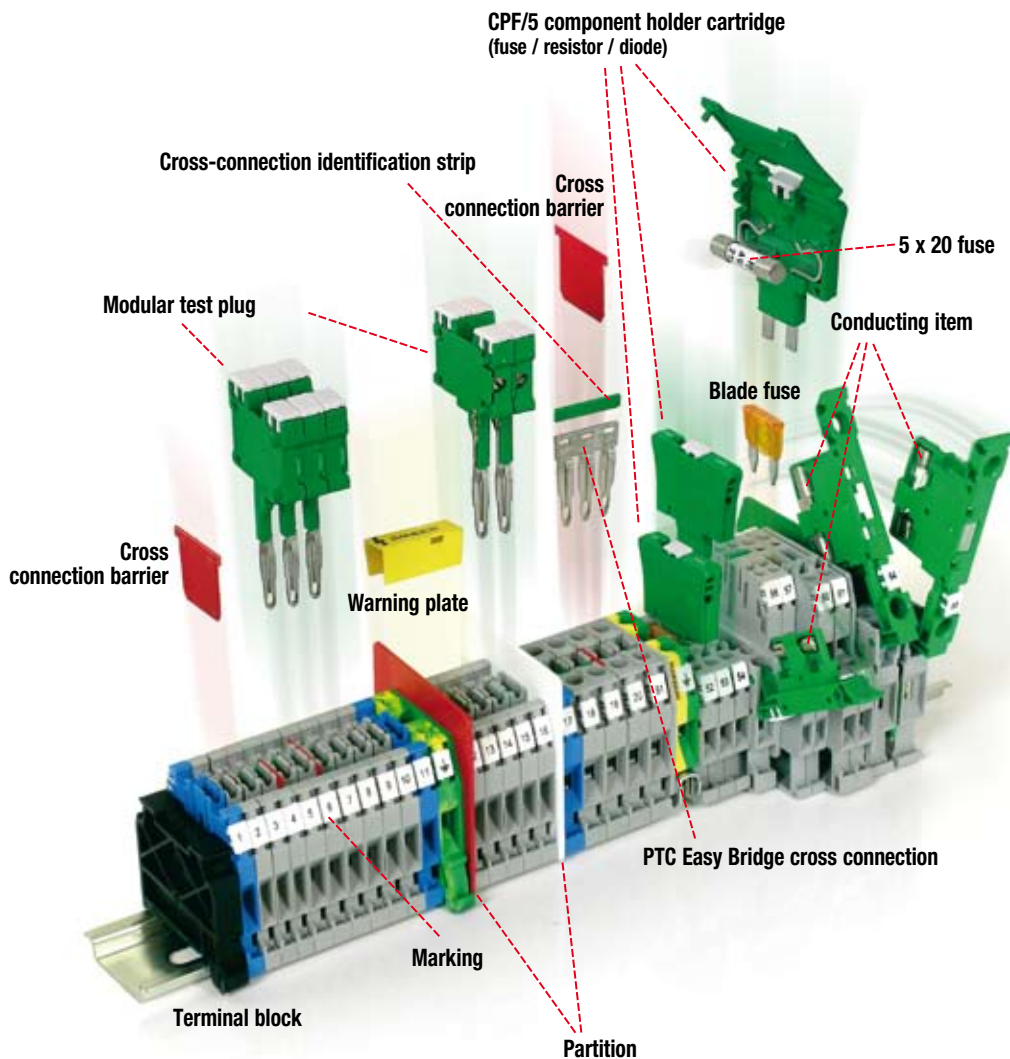
BTU for PR/DIN and PR/3 - BTO only for PR/3 - BT/3 only for PR/3

–

PR/3/AC for PR/DIN and PR/3 - PR/3/AS same with slots

**TEC.16/O**  
Cat. No. T0220

**TEC.35/O**  
Cat. No. T0320



CBC Series terminal blocks and relevant Accessories

# HMM Series spring-clamp terminal blocks



Grey version	HMM.1/GR Cat. No. HM400GR	HMM.1/1+2/GR Cat. No. HM410GR	HMM.1/2+2/GR Cat. No. HM420GR
(Ex)i version	HMM.1 (Ex)i Cat. No. HI400	HMM.1/1+2 (Ex)i Cat. No. HI410	HMM.1/2+2 (Ex)i Cat. No. HI420
For flexible/rigid leads	From 0,2 to 2,5 mm <sup>2</sup>	From 0,2 to 2,5 mm <sup>2</sup>	From 0,2 to 2,5 mm <sup>2</sup>
Rated current conf. to IEC 60947-7-1	17,5 A	17,5 A	17,5 A
Rated voltage conf. to IEC 60947-7-1	500 V	500 V	500 V
Height / width / thickness (mm)	TH/35 7,5 mm TH/35 15 mm	43 / 56 / 4,2 51 / 56 / 4,2	43 / 65 / 4,2 51 / 65 / 4,2

## ACCESSORIES

	HMT.1/PT/GR HMT.1/PT (Ex)i	HMT.1/1+2/PT/GR HMT.1/1+2/PT (Ex)i	HMT.1/2+2/PT/GR HMT.1/2+2/PT (Ex)i
End section			
Permanent cross connections (intrinsicly IPXXB protected once mounted)		PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (50 poles)	
Rated current carrying capacity of jumper - (A)	17,5	17,5	17,5
Cross-connection identification strip (100 mm) - green	PTC/SP	PTC/SP	PTC/SP
Coloured partition - red, green, white	DFH/1	DFH/2	DFH/3
Cross connection barrier - red	DFM/500	DFM/500	DFM/500
Plug	-	-	-
Test plug	SDH/4 SDH/4P	SDH/4 SDH/4P	SDH/4 SDH/4P
Closing element	SH4/PT	SH4/PT	SH4/PT
Numbering strip	SHZ/1	SHZ/1	SHZ/1
Screwdrivers for the activation of spring	CCH/2,5-4	CCH/2,5-4	CCH/2,5-4
Terminal block screw-clamp		BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3	
Mounting rail according to IEC 60715/G32		-	
Mounting rail according to IEC 60715/TH 35		PR/3/AC of steel - PR/3/AS same with slots	
Earth terminal block	HTE.1 Cat. No. HT400	HTE.1/1+2 Cat. No. HT410	HTE.1/2+2 Cat. No. HT420

# HMM Series



**HMM.2/GR**  
Cat. No. HM500GR

**HMM.2 (Ex)i**  
Cat. No. HI500

From 0,2 to 4 mm<sup>2</sup>

24 A

800 V

41 / 50 / 5,2  
49 / 50 / 5,2

**HMT.2/PT/GR**  
**HMT.2/PT (Ex)i**

PTC/1/02 poles - PTC/1/03 poles  
PTC/1/05 poles - PTC/1/10 poles  
PTC/1/00 (50 poles)

24

PTC/SP

DFH/1

DFM/500

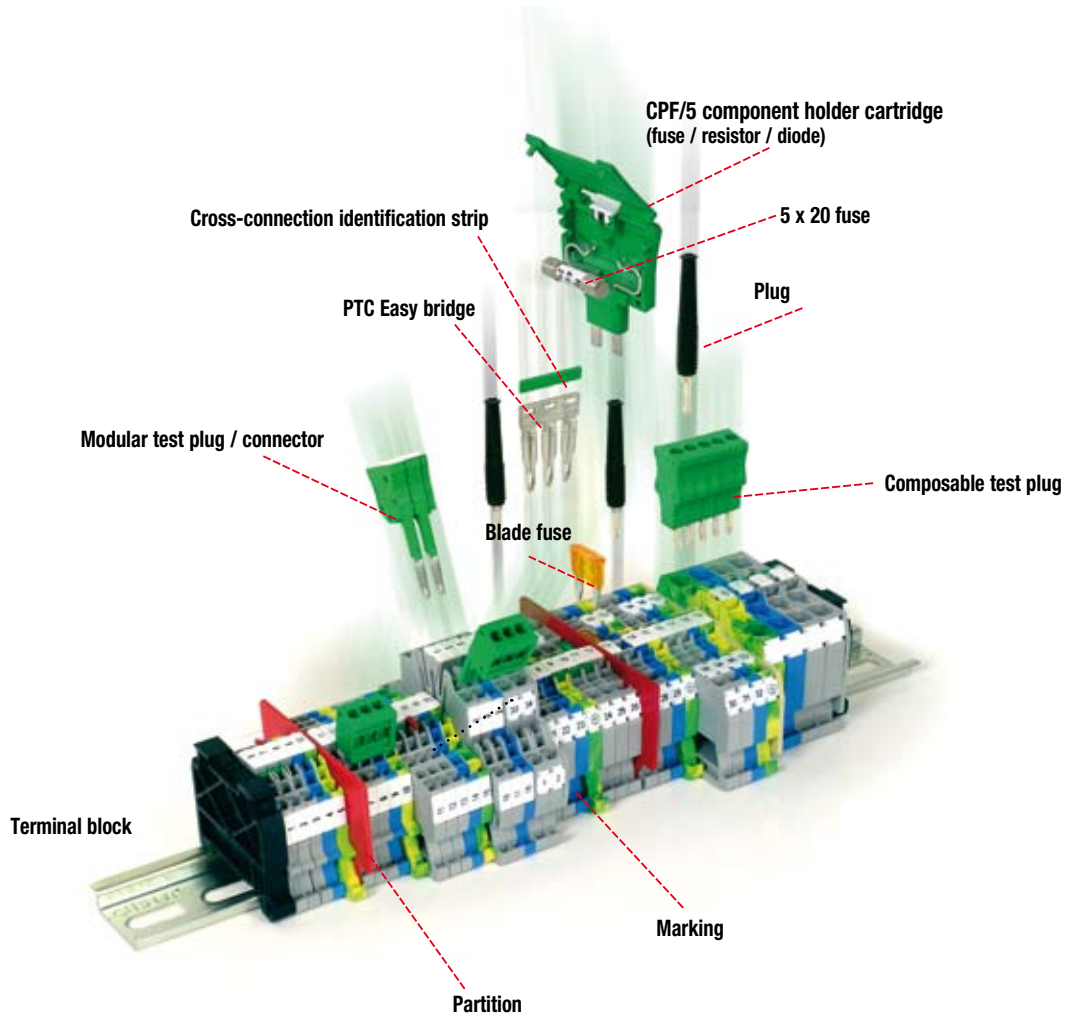
SDD/1

SDH/5

SH5/PT

SHZ/2

CCH/2,5-4



H Series terminal blocks and relevant Accessories

**HTE.2**  
Cat. No. HT500

# HMM Series spring-clamp terminal blocks



Grey version	HMM.2/1+2/GR Cat. No. HM510GR	HMM.2/2+2/GR Cat. No. HM520GR	HMM.2/1+2/S/GR Cat. No. HMS20GR
(Ex)i version	HMM.2/1+2 (Ex)i Cat. No. HI510	HMM.2/2+2 (Ex)i Cat. No. HI520	
For flexible/rigid conductors	From 0,2 to 4 mm <sup>2</sup>	From 0,2 to 4 mm <sup>2</sup>	From 0,2 to 4 mm <sup>2</sup>
Rated current conf. to IEC 60947-7-1	24 A	24 A	16 A
Rated voltage conf. to IEC 60947-7-1	800 V	800 V	400 V
Height / width / thickness (mm)	TH/35 7,5 mm TH/35 15 mm	41 / 66 / 5,2 49 / 66 / 5,2	48 / 66 / 5,2 56 / 66 / 5,2

## ACCESSORIES

End section	HMT.2/1+2/PT/GR HMT.2/1+2/PT (Ex)i	HMT.2/2+2/PT/GR HMT.2/2+2/PT (Ex)i	HMT.2/1+2/PT/GR
Permanent cross connections (intrinsicly IPXXB protected once mounted)	PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (50 poles)		–
Rated current carrying capacity of jumper - (A)	24	24	–
Cross-connection identification strip (100 mm) - green	PTC/SP	PTC/SP	–
Coloured partition - red, green, white	DFH/2	DFH/3	DFH/2
Cross connection barrier - red	DFM/500	DFM/500	–
Plug	SDD/1	SDD/1	SDD/1
Test plug	SDH/5	SDH/5	SDH/5
Closing element	SH5/PT	SH5/PT	SH5/PT
Numbering strip	SHZ/2	SHZ/2	SHZ/2
Screwdrivers for the activation of spring	CCH/2,5-4	CCH/2,5-4	CCH/2,5-4
Marking tags - numbered or neutral	–	–	CNU/8
Terminal block screw-clamp	BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3		
Mounting rail according to IEC 60715/G32	–		
Mounting rail according to IEC 60715/TH 35	PR/3/AC of steel - PR/3/AS same with slots		
Earth terminal block	HTE.2/1+2 Cat. No. HT510	HTE.2/2+2 Cat. No. HT520	–

# HMM Series



**HMM.2/2+2/A/GR**  
Cat. No. HM170GR

**HMM.2/2+2/S/GR**  
Cat. No. HMS10GR

**HMM.4/GR**  
Cat. No. HMS250GR

**HMM.4/1+2/GR**  
Cat. No. HM210GR

**HMM.4 (Ex)i**  
Cat. No. HI250

**HMM.4/1+2 (Ex)i**  
Cat. No. HI210

From 0,2 to 4 mm<sup>2</sup>

From 0,2 to 4 mm<sup>2</sup>

From 0,2 to 4 mm<sup>2</sup>

From 0,2 to 4 mm<sup>2</sup>

16 A

16 A

32 A

32 A

400 V

400 V

800 V

800 V

37 / 82 / 5,2  
45 / 82 / 5,2

48 / 82 / 5,2  
56 / 82 / 5,2

45 / 58 / 6,2  
52 / 58 / 6,2

45 / 78 / 6,2  
52 / 78 / 6,2

HMT.2/2+2/PT/GR

HMT.2/2+2/PT/GR

HMT.4/PT/GR  
HMT.4/PT (Ex)i

HMT.4/1+2/PT/GR

–

–

PTC/1/02 poles - PTC/1/03 poles  
PTC/1/05 poles - PTC/1/10 poles  
PTC/1/00 (40 poles)

PTC/1/02 poles - PTC/1/03 poles  
PTC/1/05 poles - PTC/1/10 poles  
PTC/1/00 (40 poles)

–

–

32

32

–

–

PTC/SP

PTC/SP

DFH/3

DFH/3

DFH/1

DFH/1

–

–

–

–

SDD/1

SDD/1

SDD/1

SDD/1

SDH/5

SDH/5

SDH/6

SDH/6

SH5/PT

SH5/PT

SH6/PT

SH6/PT

SHZ/2

SHZ/2

SHZ/4

SHZ/4

CCH/2,5-4

CCH/2,5-4

CCH/2,5-4

CCH/2,5-4

CNU/8

CNU/8

CNU/8

CNU/8

BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3

–

PR/3/AC of steel - PR/3/AS same with slots

–

–

**HTE.4**  
Cat. No. HT250

**HTE.4/1+2**  
Cat. No. HT260

# HMM Series spring-clamp terminal blocks



Single power supply version	<b>HMM.4/2+2/GR</b> Cat. No. HM220GR	<b>HMM.6/GR</b> Cat. No. HM310GR	<b>HMM.10/GR</b> Cat. No. HM330GR
Double power supply version	<b>HMM.4/2+2 (Ex)i</b> Cat. No. HI220	<b>HMM.6 (Ex)i</b> Cat. No. HI310	<b>HMM.10 (Ex)i</b> Cat. No. HI330
For flexible/rigid conductors	From 0,2 to 4 mm <sup>2</sup>	From 0,2 to 10 mm <sup>2</sup>	From 1,5 to 16 mm <sup>2</sup>
Rated current conf. to IEC 60947-7-1	32 A	41 A	57 A
Rated voltage conf. to IEC 60947-7-1	800 V	800 V	1000 V
Height / width / thickness (mm)	TH/35 7,5 mm TH/35 15 mm	44 / 62 / 8,2 52 / 62 / 8,2	53 / 71 / 10 61 / 70 / 10

## ACCESSORIES

End section	HMT.4/2+2/PT/GR	HMT.6/PT/GR HMT.6/PT (Ex)i	HMT.10/PT/GR HMT.10/PT (Ex)i
Permanent cross connections (intrinsicly IPXXB protected once mounted)	PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (40 poles)	PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (30 poles)	PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (25 poles)
Rated current carrying capacity of jumper - (A)	32	41	57
Cross-connection identification strip (100 mm) - green	PTC/SP	PTC/SP	—
Coloured partition - red, green, white	DFH/1	DFH/1	DFH/4
Plug	SDD/1	SDD/1	SDD/1
Test plug	SDH/6	—	—
Closing element	SH6/PT	—	—
Numbering strip	SHZ/4	SHZ/6	SNZ/10
Screwdrivers for the activation of spring	CCH/2,5-4	CCH/2,5-4	CCH/4
Marking tags - numbered or neutral	CNU/8	CNU/8	CNU/8 CNU/10
Terminal block screw-clamp	BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3		
Mounting rail according to IEC 60715/G32	—		
Mounting rail according to IEC 60715/TH 35	PR/3/AC of steel - PR/3/AS same with slots		
Earth terminal block	<b>HTE.4/2+2</b> Cat. No. HT270	<b>HTE.6</b> Cat. No. HT310	<b>HTE.10</b> Cat. No. HT330

# HMM Series



**HMM.16/GR**  
Cat. No. HM340GR

**HMR.16/GR**  
Cat. No. HM350GR

**HMM.16 (Ex)j**  
Cat. No. HI340

**HMM.16/D/GR**  
Cat. No. HM360GR

From 1,5 to 25 mm<sup>2</sup>

From 1,5 to 25 mm<sup>2</sup>

From 1,5 to 25 mm<sup>2</sup>

76 A

76 A

76 A

1000 V

1000 V

1000 V

56 / 80 / 12  
64 / 80 / 12

50 / 80 / 12,8  
57 / 80 / 12,8

50 / 80 / 12,8  
57 / 80 / 12,8

HMT.16/PT/GR  
HMT.16/PT (Ex)j

See table

See table

PTC/1/02 poli - PTC/1/03 poli  
PTC/1/05 poli - PTC/1/10 poli  
PTC/1/00 (20 poli)

See table

See table

76

See table

See table

-

-

-

DFH/4

DFH/4

DFH/4

SDD/1

SDD/1

SDD/1

-

-

-

-

-

-

-

-

-

CCH/4

CCH4

CCH/4

CNU/8  
CNU/10

CNU/8  
CNU/10

CNU/8  
CNU/10

BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3

-

PR/3/AC of steel - PR/3/AS same with slots

**HTE.16**  
Cat. No. HT340

-

-

Terminal block connected to supply terminal	End section	Total capacity
<b>HMM.2</b> <b>HMM.2/1+2</b> <b>HMM.2/2+2</b> <b>HMS.2</b> <b>HMFA.2</b> Permanent cross connection	HMR.16-2/PT/GR	24 A
		PTC/03/02 (poles) PTC/03/03 (poles) PTC/03/05 (poles) PTC/03/10 (poles) PTC/03/00 (47 poles)
<b>HMM.2</b> <b>HMM.2/1+2</b> <b>HMM.2/2+2</b> Permanent cross connection	HMR.16-2/PT/GR	24 A
		PTC/05/02 (poles) PTC/05/03 (poles) PTC/05/05 (poles) PTC/05/10 (poles) PTC/05/00 (40 poles)
<b>HMM.2</b> Permanent cross connection	HMR.16-6/PT/GR	24 A
		PTC/08/02 (poles) PTC/08/03 (poles) PTC/08/05 (poles) PTC/08/10 (poles) PTC/08/00 (30 poles)

# HMD Series spring-clamp terminal blocks



(\*) Values referred to the insulation characteristics of the terminal block and connection unit.

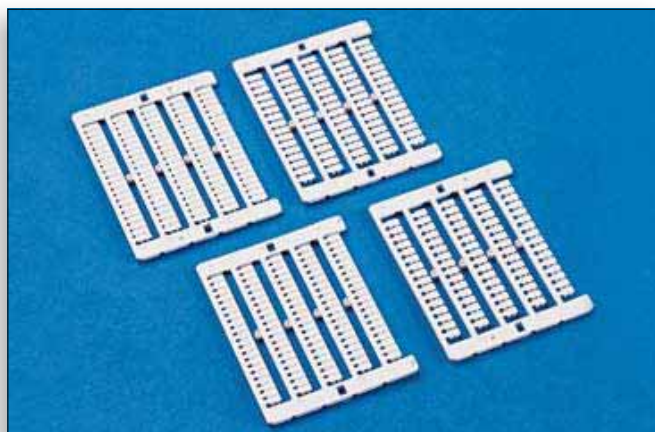
Grey version	HMD.1/GR Cat. No. HD200GR		HMD.2N/GR Cat. No. HD400GR
(Ex)i version	HMD.1 (EX)i Cat. No. HD300		HMD.2N (EX)i Cat. No. HD410
Version with permanent internal connection		HMD.1/CI/GR Cat. No. HD120GR	
<b>For flexible/rigid conductors</b>	From 0,2 to 2,5 mm <sup>2</sup>	From 0,2 to 2,5 mm <sup>2</sup>	From 0,2 to 2,5 mm <sup>2</sup>
<b>Rated current conf. to IEC 60947-7-1</b>	17,5 A	17,5 A	24 A
<b>Rated voltage conf. to IEC 60947-7-1</b>	500 V	500V	630 V
<b>Height / width / thickness (mm)</b>	<b>TH/35 7,5 mm</b> TH/35 15 mm	59 / 73 / 4,2 67 / 73 / 4,2	59 / 73 / 5,2 67 / 73 / 5,2

## ACCESSORIES

End Section	HMD.1/PT/GR HMD.1/PT (EX)i	HMD.1/PT/GR HMD.1/PT (EX)i	HMD.1/PT/GR HMD.1/PT (EX)i
Permanent cross connections (intrinsicly IPXXB protected once mounted)	PTC/1/02 poles - PTC/1/03 poles PTC/1/05 poles - PTC/1/10 poles PTC/1/00 (50 poles)		PTC/3/02 poles - PTC/3/03 poles PTC/3/05 poles - PTC/3/10 poles PTC/5/00 (50 poles)
Rated current carrying capacity of jumper - (A)	17,5	17,5	24
Cross-connection identification strip (100 mm) - green	PTC/SP	PTC/SP	PTC/SP
Coloured partition - red, green, white	DFU/07	DFU	DFU
Cross connection barrier - red	DFM/500	DFM/500	DFM/500
Plug socket	-	-	-
Plug	-	-	-
Test plug	SDH/4 SDH/4P	SDH/4 SDH/4P	SDH/7
Closing element	SH4/PT	SH4/PT	SH7/PT
Numbering strip	SHZ/1	SHZ/1	SHZ/2
Screwdrivers for the activation of spring	CCH/2,5-4	CCH/2,5-4	CCH/2,5-4
Warning plate - on adjacent terminal blocks	-	-	-
Marking tags - numbered or neutral	-	-	CNU/8
Terminal block screw-clamp	BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3		
Mounting rail according to IEC 60715/G32	-		
Mounting rail according to IEC 60715/TH 35	PR/3/AC of steel - PR/3/AS same with slots		
Earth terminal block	<b>HTE.1</b> Cat. No. HT400	<b>HTE.1</b> Cat. No. HT400	<b>HTE.2</b> Cat. No. HT500



# Tags for Terminal Block



**MATERIAL: FIREPROOF POLYCARBONATE.**

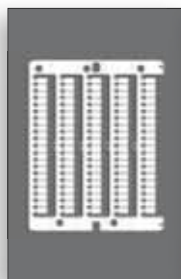
## TAGS FOR CABUR TERMINAL BLOCKS

Code	Description	Qty tags/pk
NU0851	Terminal block's tag 8 mm mounting pitch on CBC2 and single HMM2 throughout the Cabur series	1.500
NU0861	Terminal block's tag 8 mm mounting pitch on CBC4 and single HMM4 throughout the Cabur series	1.200
NU1051	Terminal block's tag 10 mm mounting pitch on CBC2 and single HMM2 throughout the Cabur series	1.500
NU1061	Terminal block's tag 10 mm mounting pitch on CBC4 and single HMM4 throughout the Cabur series	1.200
SH004	Terminal block's tag 10 mm mounting pitch on HMM.1	1.500

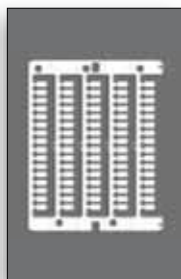
## TAGS FOR OTHER TERMINAL BLOCKS

Code	Description	Qty tags/pk
NUWDU50	Tag for Weid WDU ZDU 10 mm terminal blocks mounting pitch on WDU25 and ZDU25	1.500
NUWDK50	Tag for Weid WDK 10 mm terminal blocks mounting pitch on WDK25	1.500
NUPUTUK50	Tag for Phoenix UK-UT-ST Series 10 mm terminal blocks mounting pitch 5,2 on UK25 UT25 ST25	1.500

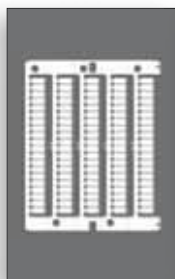
NU0851



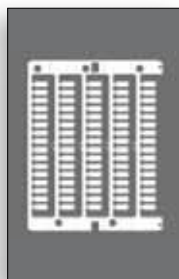
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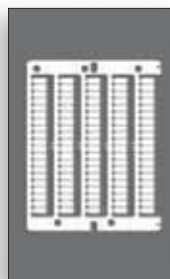
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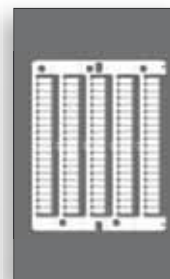
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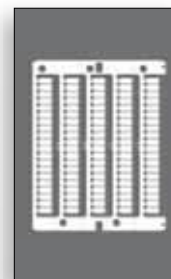
NUWDU50



NUWDK50



NUPUTUK50



## MOUNTING ON CABUR TERMINAL BLOCKS SECTION 2, 5, 4 mm<sup>2</sup>



1 Disconnect the stem from the module.



3 Engage the tags directly on the terminal blocks' series with slight pressure.



2 Disconnect the pre-notched heads from the stem.



4 Disconnect the remaining stem by turning down.



**THE QUANTITIES ARE REFERRED TO THE NUMBER OF TAGS PER PACK**

TAG

# H Series spring-clamp terminal blocks



(\*) Values referred to the insulation characteristics of the terminal block.

Grey version	HMS.2/GR Cat. No. HS200GR	HSCB.4/GR Cat. No. HB100GR	HSCB.6/GR Cat. No. HB200GR
(Ex)i version			
For flexible/rigid conductors	From 0,2 to 4 mm <sup>2</sup>	From 0,2 to 6 mm <sup>2</sup>	From 0,2 to 10 mm <sup>2</sup>
Rated current conf. to IEC 60947-7-1	16 A	32 A	41 A
Rated voltage conf. to IEC 60947-7-1	400 V	800 V	800 V
Height / width / thickness (mm)	TH/35 7,5 mm TH/35 15 mm	45 / 86 / 6,2 53 / 86 / 6,2	48 / 97 / 8,2 56 / 97 / 8,2

## ACCESSORIES

	HMT.2/1+2/PT/GR	HSCB.4/PT/GR	HSCB.6/PT/GR
End section	HMT.2/1+2/PT/GR	HSCB.4/PT/GR	HSCB.6/PT/GR
Permanent cross connections (intrinsically IPXXB protected once mounted)	PTC/03/02 poles - PTC/03/03 poles PTC/03/05 poles - PTC/03/10 poles PTC/03/00 (47 poles)	PTC/5/02 poles - PTC/5/03 poles PTC/5/05 poles - PTC/5/10 poles PTC/5/00 (40 poles)	PTC/8/02 poles - PTC/8/03 poles PTC/8/05 poles - PTC/8/10 poles PTC/8/00 (30 poles)
Rated current carrying capacity of jumper - (A)	24	32	41
Cross-connection identification strip (100 mm) - green	–	PTC/SP	PTC/SP
Coloured partition - red, green, white	DFH/2	DFH/4	–
Cross connection barrier - red	–	–	–
Plug socket	–	–	PSD/0
Plug	–	–	–
Test plug	SDH/5	SDH/6	–
Closing element	–	–	–
Numbering strip	SHZ/2	SHZ/4	SHZ/5
Screwdrivers for the activation of spring	CCH/2,5-4	CCH/2,5-4	CCH/6
Marking tags - numbered or neutral	CNU/8	CNU/8	CNU/8
Terminal block screw-clamp	BTU for PR/DIN and PR/3 - BTO - BT/3 only for PR/3		
Mounting rail according to IEC 60715/G32	–		
Mounting rail according to IEC 60715/TH 35	PR/3/AC of steel - PR/3/AS same with slots		



# High-current feed-through terminal blocks

Also suited to be used in photovoltaic systems

## GPA - GPA/FIX Series

Rated section 70 mm <sup>2</sup>		Grounding terminal  TEC.70/O Cat. No. T0810	Rated section 95 mm <sup>2</sup>		Rated section 150 mm <sup>2</sup>		Rated section 240 mm <sup>2</sup>
<b>GPA.70</b> Cat. No. GA400	<b>GPA.70/GR</b> Cat. No. GA400GR			<b>GPA.95</b> Cat. No. GA100	<b>GPA.95/GR</b> Cat. No. GA100GR	<b>GPA.150</b> Cat. No. GA200	<b>GPA.150/GR</b> Cat. No. GA200GR
<b>GPA.70/FIX</b> Cat. No. GF400	<b>GPA.70/FIX/GR</b> Cat. No. GF400GR		<b>GPA.95/FIX</b> Cat. No. GF100	<b>GPA.95/FIX/GR</b> Cat. No. GF100GR	<b>GPA.150/FIX</b> Cat. No. GF200	<b>GPA.150/FIX/GR</b> Cat. No. GF200GR	<b>GPA.240/FIX</b> Cat. No. GF300



GPA.70/GR



GPA.95/GR



GPA.150/GR



GPA.240/GR

## GPM Series

Also suited to be used in photovoltaic systems

## GPM/FIX Series

Also suited to be used in photovoltaic systems

<b>GPM.95/CC</b> Cat. No. GP300 Rated section 95 mm <sup>2</sup>	<b>GPM.95/BC</b> Cat. No. GP200 Rated section 95 mm <sup>2</sup>	<b>GPM.95/BB</b> Cat. No. GP100 Rated section 95 mm <sup>2</sup>	<b>GPM.95/CC/FIX</b> Cat. No. GP310 Rated section 95 mm <sup>2</sup>	<b>GPM.95/BC/FIX</b> Cat. No. GP410 Rated section 95 mm <sup>2</sup>	<b>GPM.95/BB/FIX</b> Cat. No. GP110 Rated section 95 mm <sup>2</sup>
Parallel jumper between two contiguous terminals <b>POF/95/2</b> Parallel jumper between two contiguous terminals <b>POF/95/3</b>			Parallel jumper between two contiguous terminals <b>POF/95/2</b> Parallel jumper between two contiguous terminals <b>POF/95/3</b>		
<b>GPM.150/CC</b> Cat. No. GP600 Rated section 150 mm <sup>2</sup>	<b>GPM.150/BC</b> Cat. No. GP500 Rated section 150 mm <sup>2</sup>	<b>GPM.150/BB</b> Cat. No. GP400 Rated section 150 mm <sup>2</sup>	<b>GPM.150/CC/FIX</b> Cat. No. GP610 Rated section 150 mm <sup>2</sup>	<b>GPM.150/BC/FIX</b> Cat. No. GP510 Rated section 150 mm <sup>2</sup>	<b>GPM.150/BB/FIX</b> Cat. No. GP410 Rated section 150 mm <sup>2</sup>
Parallel jumper between two contiguous terminals <b>POF/150/2</b> Parallel jumper between two contiguous terminals <b>POF/150/3</b>			Parallel jumper between two contiguous terminals <b>POF/150/2</b> Parallel jumper between two contiguous terminals <b>POF/150/3</b>		
<b>GPM.240/CC</b> Cat. No. GP900 Rated section 240 mm <sup>2</sup>	<b>GPM.240/BC</b> Cat. No. GP800 Rated section 240 mm <sup>2</sup>	<b>GPM.240/BB</b> Cat. No. GP700 Rated section 240 mm <sup>2</sup>	<b>GPM.240/CC/FIX</b> Cat. No. GP910 Rated section 240 mm <sup>2</sup>	<b>GPM.240/BC/FIX</b> Cat. No. GP810 Rated section 240 mm <sup>2</sup>	<b>GPM.240/BB/FIX</b> Cat. No. GP710 Rated section 240 mm <sup>2</sup>
Parallel jumper between two contiguous terminals <b>POF/240/2</b> Parallel jumper between two contiguous terminals <b>POF/240/3</b>			Parallel jumper between two contiguous terminals <b>POF/240/2</b> Parallel jumper between two contiguous terminals <b>POF/240/3</b>		



GPM.95/BB - GPM.150/BB - GPM.240/BB  
Base version



GPM.95/BB - GPM.150/BB - GPM.240/BB  
Panel-mount version



GPM.95/BC - GPM.150/BC - GPM.240/BC  
Base version



GPM.95/BC - GPM.150/BC - GPM.240/BC  
Panel-mount version



GPM.95/CC - GPM.150/CC - GPM.240/CC  
Base version

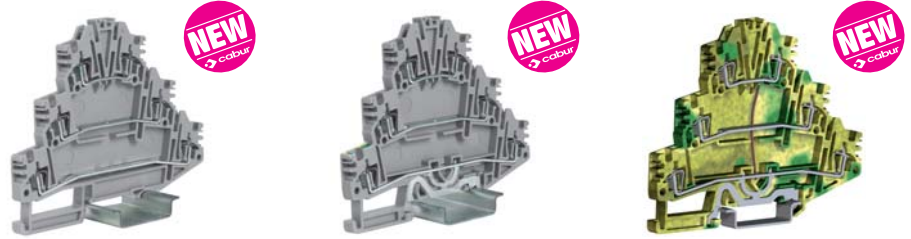


GPM.95/CC - GPM.150/CC - GPM.240/CC  
Panel-mount version

# H Series

## with polyamide insulating body

- Mounting onto PR/3, TH/35 type rails, according to IEC 60715 Std.
- Three feed-through levels / Two feed-through levels + earth
- Available in grey (RAL 7042) colour or Earth, with green/yellow insulating casing
- "Easy bridge" jumpering system: double insertion possibility of PTC multi-pole cross-connections, without the need of an insulating protection
- **HLD.2** and **HDE.2**: Possibility to house electronic components between the three levels and having max. thickness of 3,9 mm
- Coupling possibility with each others



PTC jumper configurations					
SINGLE OR PARALLEL EXTENDING	POLE SKIPPING	ADJACENT WITHOUT BARRIER	ADJACENT WITH BARRIER	STAGGERED MODE	PARALLEL SKIPPING

Insulation voltage in the above configurations (V) acc. to IEC 60947-7-1 (*)					
upper level	500	500	500 (**)	500	500
intermediate level	500	500	500 (**)		
lower level (HLD.2... only)	500	500	500 (**)		

The /GR tag indicates the grey colour version.

### NEW grey coloured version (/earth)

### version with internal cross-connection

### (Ex)i version

### TECHNICAL CHARACTERISTICS

function / type	
rated cross-section	(mm <sup>2</sup> )
connecting capacity	
flexible	(mm <sup>2</sup> )
rigid	(mm <sup>2</sup> )
max. flexible with ferrule (mm <sup>2</sup> )-ferrule type	
rated voltage / rated current / gauge	conf. to IEC 60947-7-1
rated voltage / rated current / AWG	UL
(Ex e) rated voltage	(V)
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
tightening torque value (test / max)	(Nm)
height / width / thickness	TH/35 7,5 mm
height / width / thickness	TH/35 15 mm
height / width / thickness	G32

### HLD.2/GR

Cat. No. HL200GR

### HLD.2 (Ex)i

Cat. No. HD510GR

Three feed-through levels	2,5
Two feed-through levels + earth	2,5
Three cross-connected earth levels	2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
1,5 - WP15/14	1,5 - WP15/14
500 V / 24 A / B2	500 V / 24 A / B2
-	-
8 KV / 3	8 KV / 3
10	10
-	6,2
75 / 95 / 5,2	75 / 95 / 5,2
83 / 95 / 5,2	83 / 95 / 5,2
-	-
KEMA-KEUR, UL pending	

### HDE.2/GR

Cat. No. HL500GR

### HDE.2 (Ex)i

Two feed-through levels + earth	2,5
Three cross-connected earth levels	2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
1,5 - WP15/14	1,5 - WP15/14
500 V / 24 A / B2	500 V / 24 A / B2
-	-
8 KV / 3	8 KV / 3
10	10
6,2	-
75 / 95 / 5,2	75 / 95 / 5,2
83 / 95 / 5,2	83 / 95 / 5,2
-	-
KEMA-KEUR, UL pending	

### HTTE.2

Cat. No. HLT500

### HTTE.2 (Ex)i

Three cross-connected earth levels	2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
0,2 ÷ 2,5	0,2 ÷ 2,5
1,5 - WP15/14	1,5 - WP15/14
- / - / B2	- / - / B2
-	-
8 KV / 3	8 KV / 3
10	10
-	-
75 / 95 / 5,2	75 / 95 / 5,2
83 / 95 / 5,2	83 / 95 / 5,2
-	-
KEMA-KEUR, UL pending	

### ACCESSORIES

End sections	grey beige blue
Permanent cross connection (intrinsically IPXXB protected once mounted)	
Rated current carrying capacity of jumper	(A)
Cross connection identification strip (100 mm)	green
Cross connection barrier	
Coloured partition	red, green, white
Test plug socket	
Numbering strip	
Miniature fuse	Ø 5 x 20 mm
Screwdriver for the activation of the spring	
Short circuit screw and sleeve (con presa)	
Short circuit plate	for 2 adjoining terminal blocks for 4 adjoining terminal blocks
Marking tag	printed or blank
End bracket	
Mounting rail	
according to IEC 60715 Std.	

Type	Cat. No.
HLD.2/PT/GR	HL201GR
-	-
PTC/03/02 poles	PTC0302
PTC/03/03 poles	PTC0303
PTC/03/05 poles	PTC0305
PTC/03/10 poles	PTC0310
PTC/03/00 (47 poles)	PTC0300
24	
-	-
DFM/500	DF500
-	-
SHZ/2	SH001
-	-
CCH/2,5-4	CCH02
-	-
CNU/8	NU08...
CNU/10	NU10...
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 only for PR/3	BT003
-	-
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
HLD.2/PT/GR	HL201GR
-	-
PTC/03/02 poles	PTC0302
PTC/03/03 poles	PTC0303
PTC/03/05 poles	PTC0305
PTC/03/10 poles	PTC0310
PTC/03/00 (47 poles)	PTC0300
24	
-	-
DFM/500	DF500
-	-
SHZ/2	SH001
F5/...	FN...
CCH/2,5-4	CCH02
-	-
CNU/8	NU08...
CNU/10	NU10...
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 only for PR/3	BT003
-	-
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005

Type	Cat. No.
HLD.2/PT/GR	HL201GR
-	-
PTC/03/02 poles	PTC0302
PTC/03/03 poles	PTC0303
PTC/03/05 poles	PTC0305
PTC/03/10 poles	PTC0310
PTC/03/00 (47 poles)	PTC0300
24	
-	-
DFM/500	DF500
-	-
SHZ/2	SH001
-	-
CCH/2,5-4	CCH02
-	-
CNU/8	NU08...
CNU/10	NU10...
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 only for PR/3	BT003
-	-
PR/3/AC of steel	PR003
PR/3/AS same with slots	PR005