

# HMM Series

- UL94V-0
- mounting onto PR/3 type rails according to IEC 60715 standard, TH/35 type
- available in the standard version (grey) or in a version appropriate for use with "intrinsically safe" (Ex)i circuits (blue)
- maximum operating temperature 100°C
- INERIS 16 ATEX 9002U Ex e  $\text{Ex}$  and I M2 Ex e I Mb II 2G Ex e IIC Gb certificate of operating temperature: -40 – +80 °C
- CoC IECEx INE 16.0032U



For the isolation figures with cross connections refer to the table on page 131

The /GR tag indicates the grey version.

<b>grey version</b>	
<b>(Ex)i version</b>	
<b>TECHNICAL CHARACTERISTICS</b>	
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  /  / rated current	
rated impulse withstand voltage / pollution degree	
insulation stripping length	(mm)
height / width / thickness	TH/35 7.5 mm
height / width / thickness	TH/35 15 mm
height / width / thickness	G32

## APPROVALS

<b>ACCESSORIES</b>	
End sections	grey blue
"Easy Bridge" (PTC) cross connection (intrinsically IPXXB protected once mounted)	
Available also in coloured version (PTP)	
Ref. p. 130	
Rated current carrying capacity of jumper	(A)
Cross-connection identification strip (100 mm)	green
Multiple common bar	250 mm
Shunting screw and sleeve	
Coloured partition	red, green, white
Cross connection barrier	red
Test plug socket	
Test plug	
Modular test plug	
End section for modular test plug	
Numbering strip	
Screwdriver for activation of the spring	
Warning plate	on adjacent terminal blocks
Marking tag	printed or blank
End bracket	

<b>HMM.2/GR</b>	
Cat. No. <b>HM500GR</b>	
<b>HMM.2 (Ex)i</b>	
Cat. No. <b>HI500</b>	
feed-through	
rated cross-section	2.5
connecting capacity	
flexible	0.2-4
rigid	0.2-4
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	2.5-WP25/14
rated voltage / rated current / gauge	800 V / 24 A / A3
rated voltage / rated current / AWG	600 V / 20 A / 24-12 AWG
(Ex e) rated voltage  /  / rated current	500 V / 24 A
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	10
height / width / thickness	41 / 50 / 5.2
height / width / thickness	49 / 50 / 5.2
height / width / thickness	-



<b>HMM.2/1+2/GR</b>	
Cat. No. <b>HM510GR</b>	
<b>HMM.2/1+2 (Ex)i</b>	
Cat. No. <b>HI510</b>	
feed-through, 1 input and 2 outputs	
rated cross-section	2.5
connecting capacity	
flexible	0.2-4
rigid	0.2-4
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	2.5-WP25/14
rated voltage / rated current / gauge	800 V / 24 A / A3
rated voltage / rated current / AWG	600 V / 20 A / 24-12 AWG
(Ex e) rated voltage  /  / rated current	500 V / 24 A
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	10
height / width / thickness	41 / 66 / 5.2
height / width / thickness	49 / 66 / 5.2
height / width / thickness	-



<b>HMM.2/2+2/GR</b>	
Cat. No. <b>HM520GR</b>	
<b>HMM.2/2+2 (Ex)i</b>	
Cat. No. <b>HI520</b>	
feed-through, 2 inputs and 2 outputs	
rated cross-section	2.5
connecting capacity	
flexible	0.2-4
rigid	0.2-4
max. flexible with ferrule (mm <sup>2</sup> ) - ferrule type	2.5-WP25/14
rated voltage / rated current / gauge	800 V / 24 A / A3
rated voltage / rated current / AWG	600 V / 20 A / 24-12 AWG
(Ex e) rated voltage  /  / rated current	500 V / 24 A
rated impulse withstand voltage / pollution degree	8 KV / 3
insulation stripping length	10
height / width / thickness	41 / 82 / 5.2
height / width / thickness	49 / 82 / 5.2
height / width / thickness	-



Type	Cat. No.
HMT.2/PT/GR	HM501GR
HMT.2/PT (Ex)i	HI501
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	
PTC/SP	PTC0990
-	
DFH/1	DH01..
-	
SDD/1	DD001
SDH/5	DH005
SH5/PT	DH501
CNU/8/51	NU0851
CCH/2.5-4	CCH02
-	
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 for PR/3 only	BT003

Type	Cat. No.
HMT.2/1+2/PT/GR	HM511GR
HMT.2/1+2/PT (Ex)i	HI511
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	
PTC/SP	PTC0990
-	
DFH/2	DH02..
-	
SDD/1	DD001
SDH/5	DH005
SH5/PT	DH501
CNU/8/51	NU0851
CCH/2.5-4	CCH02
-	
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 for PR/3 only	BT003

Type	Cat. No.
HMT.2/2+2/PT/GR	HM521GR
HMT.2/2+2/PT (Ex)i	HI521
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	
PTC/SP	PTC0990
-	
DFH/3	DH03..
-	
SDD/1	DD001
SDH/5	DH005
SH5/PT	DH501
CNU/8/51	NU0851
CCH/2.5-4	CCH02
-	
CNU/8/51	NU0851
BTU for PR/DIN and PR/3	BT005
BTO	BT007
BT/3 for PR/3 only	BT003