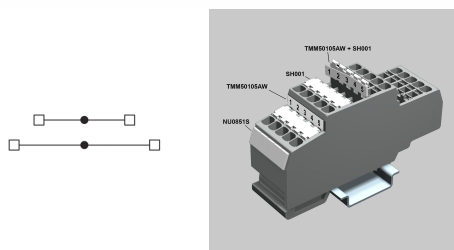
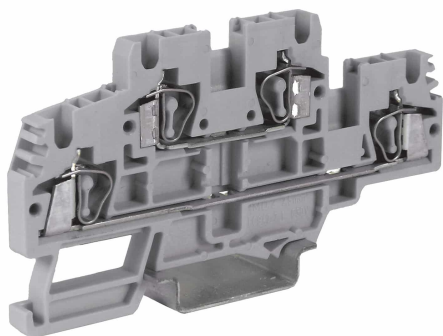
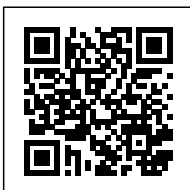


Spring-clamp  
terminal block 2.5mm<sup>2</sup>, 2-levels, grey color



|                                                                                   |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Series</b>                                                                     | HMD                                                                                                                                                                                                                                                                                                                                                     |
| <b>Code</b>                                                                       | HD100GR                                                                                                                                                                                                                                                                                                                                                 |
| <b>Type</b>                                                                       | HMD.2/GR                                                                                                                                                                                                                                                                                                                                                |
| <b>HS code</b>                                                                    | 85369010                                                                                                                                                                                                                                                                                                                                                |
| <b>Colour</b>                                                                     | grey                                                                                                                                                                                                                                                                                                                                                    |
| <b>TECHNICAL FEATURES</b>                                                         |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Function/Type</b>                                                              | 2 levels feed-through                                                                                                                                                                                                                                                                                                                                   |
| <b>Rated cross-section</b>                                                        | 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                     |
| <b>Connecting capacity</b>                                                        |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Flexible wire</b>                                                              | 0.2-4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |
| <b>Rigid wire</b>                                                                 | 0.2-4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |
| <b>Wire with ferrule - ferrule type</b>                                           | 2.5 mm <sup>2</sup> – WP25/14                                                                                                                                                                                                                                                                                                                           |
| <b>Electrical characteristics according to IEC EN standard</b>                    |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Maximum voltage AC/DC</b>                                                      | 630 V                                                                                                                                                                                                                                                                                                                                                   |
| <b>Maximum current (rated cross-section)</b>                                      | 24 A                                                                                                                                                                                                                                                                                                                                                    |
| <b>Caliber</b>                                                                    | A3                                                                                                                                                                                                                                                                                                                                                      |
| <b>Electrical characteristics according to UL Standard</b>                        |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Maximum voltage AC/DC</b>                                                      | 300 V                                                                                                                                                                                                                                                                                                                                                   |
| <b>Maximum current (rated cross-section)</b>                                      | 20 A                                                                                                                                                                                                                                                                                                                                                    |
| <b>Section (min-max)</b>                                                          | 24-12 (AWG)                                                                                                                                                                                                                                                                                                                                             |
| <b>Electrical characteristics according to ATEX directive and IEC Ex standard</b> |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Maximum voltage AC/DC</b>                                                      | 400 V                                                                                                                                                                                                                                                                                                                                                   |
| <b>Maximum current (rated cross-section)</b>                                      | 24 A                                                                                                                                                                                                                                                                                                                                                    |
| <b>Operating temperature Min/Max</b>                                              | -40 °C / +80 °C                                                                                                                                                                                                                                                                                                                                         |
| <b>Rated impulse withstand voltage / pollution degree</b>                         | 8 kV / 3                                                                                                                                                                                                                                                                                                                                                |
| <b>Insulation stripping length</b>                                                | 10 mm                                                                                                                                                                                                                                                                                                                                                   |
| <b>Width (pitch)</b>                                                              | 5.2 mm                                                                                                                                                                                                                                                                                                                                                  |
| <b>Length</b>                                                                     | 91 mm                                                                                                                                                                                                                                                                                                                                                   |
| <b>Height mounted on TH35-7.5/TH35-15/G32</b>                                     | 49 / 56 / – mm                                                                                                                                                                                                                                                                                                                                          |
| <b>Insulation material temperature index (EN 60216-1)</b>                         | 130 °C                                                                                                                                                                                                                                                                                                                                                  |
| <b>Plastic material</b>                                                           | Polyamide UL94V-0                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCESSORIES</b>                                                                |                                                                                                                                                                                                                                                                                                                                                         |
| <b>End section</b>                                                                |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Grey</b>                                                                       | HMD/PT/GR (cod. HD101GR)                                                                                                                                                                                                                                                                                                                                |
| <b>Blue</b>                                                                       | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>Thickness</b>                                                                  | 1.5 mm                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cross-connection</b>                                                           |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Model A)</b>                                                                   | PH/2.5-4 (cod. PH100)                                                                                                                                                                                                                                                                                                                                   |
| <b>Model B)</b>                                                                   | PHD/2 (cod. PHD02)                                                                                                                                                                                                                                                                                                                                      |
| <b>Rated current carrying capacity IEC/ATEX</b>                                   | 24 A / 24 A                                                                                                                                                                                                                                                                                                                                             |
| <b>Cross-connection identification strip</b>                                      | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>Internal removable cross-connection</b>                                        | PHD/2 (cod. PHD02)                                                                                                                                                                                                                                                                                                                                      |
| <b>Coloured partition plate</b>                                                   | DFH/4/R (cod. DH04R)                                                                                                                                                                                                                                                                                                                                    |
| <b>Cross-connection barrier</b>                                                   | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>Test plug</b>                                                                  | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>Modular test plug</b>                                                          | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>End section for modular test plug</b>                                          | –                                                                                                                                                                                                                                                                                                                                                       |
| <b>Marking</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                         |
| <b>Single marking tag</b>                                                         | CNU/8/51 (cod. NU0851S) (only on lower level)                                                                                                                                                                                                                                                                                                           |
| <b>Single marking tag for pitch insertion</b>                                     | CNU/8/51 (cod. NU0851S) (only on lower level), SHZ/2 (cod. SH001) + TMM50105AW (cod. TMM50105AW)                                                                                                                                                                                                                                                        |
| <b>End bracket</b>                                                                |                                                                                                                                                                                                                                                                                                                                                         |
| <b>TH35 screw type</b>                                                            | BT/3 (cod. BT003)                                                                                                                                                                                                                                                                                                                                       |
| <b>TH35 snap-fit type</b>                                                         | BTO (cod. BT007)                                                                                                                                                                                                                                                                                                                                        |
| <b>TH35 and G32 snap-fit type</b>                                                 | BTU (cod. BT005)                                                                                                                                                                                                                                                                                                                                        |
| <b>DIN rail according to IEC 60715/TH35</b>                                       | PR/3/..                                                                                                                                                                                                                                                                                                                                                 |
| <b>APPROVALS AND MARKINGS</b>                                                     |     |



1 For more details on accessories, refer to the relevant chapters

## DESCRIZIONE DEL PRODOTTO

HMD.2/GR Spring-clamp terminal block 2.5mm<sup>2</sup>, 2-levels, grey color