

# 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

The **/GR** tag indicates the grey colour version.



| 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 (**)              |                |                   |

Note (\*) for HLD.2 and HDE.2 only

(\*\*) interposing an end section

| NEW grey coloured version (/earth)                 |                        |
|----------------------------------------------------|------------------------|
| version with internal cross-connection             |                        |
| (Ex)i version                                      |                        |
| TECHNICAL CHARACTERISTICS                          |                        |
| function / type                                    |                        |
| rated cross-section                                | (mm²)                  |
| connecting capacity                                |                        |
| flexible                                           | (mm²)                  |
| rigid                                              | (mm²)                  |
| max. flexible with ferrule (mm²)-ferrule type      |                        |
| rated voltage / rated current / gauge              | conf. to IEC 60947-7-1 |
| rated voltage / rated current / AWG                | UL                     |
| 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/CI/GR               | Cat. No. HL210GR |
| HLD.2 (Ex)i               | Cat. No. HD510GR |
| Three feed-through levels |                  |
| 2,5                       |                  |
| 0,2 ÷ 2,5                 |                  |
| 0,2 ÷ 2,5                 |                  |
| 1,5 - WP15/14             |                  |
| 500 V / 24 A / B2         |                  |
| 8 KV / 3                  |                  |
| 10                        |                  |
| -                         |                  |
| 75 / 95 / 5,2             |                  |
| 83 / 95 / 5,2             |                  |
| -                         |                  |

| HDE.2/GR                        | Cat. No. HL500GR |
|---------------------------------|------------------|
| Two feed-through levels + earth |                  |
| 2,5                             |                  |
| 0,2 ÷ 2,5                       |                  |
| 0,2 ÷ 2,5                       |                  |
| 1,5 - WP15/14                   |                  |
| 500 V / 24 A / B2               |                  |
| -                               |                  |
| 8 KV / 3                        |                  |
| 10                              |                  |
| -                               |                  |
| 75 / 95 / 5,2                   |                  |
| 83 / 95 / 5,2                   |                  |
| -                               |                  |

| HTTE.2                             | Cat. No. HLT500 |
|------------------------------------|-----------------|
| Three cross-connected earth levels |                 |
| 2,5                                |                 |
| 0,2 ÷ 2,5                          |                 |
| 0,2 ÷ 2,5                          |                 |
| 1,5 - WP15/14                      |                 |
| - / - / B2                         |                 |
| -                                  |                 |
| 8 KV / 3                           |                 |
| 10                                 |                 |
| -                                  |                 |
| 75 / 95 / 5,2                      |                 |
| 83 / 95 / 5,2                      |                 |
| -                                  |                 |

### APPROVALS

KEMA-KEUR approvals, UL and cUL pending

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| ACCESSORIES                                                                |                                                                    |
|----------------------------------------------------------------------------|--------------------------------------------------------------------|
| End sections                                                               | grey<br>beige<br>blue                                              |
| Permanent cross connection<br>(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 (with plug)                                 |                                                                    |
| Short circuit plate                                                        | for 2 adjoining terminal blocks<br>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 poli         | PTC0302  |
| PTC/03/03 poli         | PTC0303  |
| PTC/03/05 poli         | PTC0305  |
| PTC/03/10 poli         | PTC0310  |
| PTC/03/00 (47 poli)    | PTC0300  |
| 24                     |          |
| -                      |          |
| DFM/500                | DF500    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| CCH/2,5-4              | CCH02    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| BTU per PR/DIN e PR/3  | BT005    |
| BTO                    | BT007    |
| BT/3 solo per PR/3     | BT003    |
| -                      |          |
| PR/3/AC in acciaio     | PR003    |
| PR/3/AS idem con asole | PR005    |

| Type                   | Cat. No. |
|------------------------|----------|
| HLD.2/PT/GR            | HL201GR  |
| -                      |          |
| PTC/03/02 poli         | PTC0302  |
| PTC/03/03 poli         | PTC0303  |
| PTC/03/05 poli         | PTC0305  |
| PTC/03/10 poli         | PTC0310  |
| PTC/03/00 (47 poli)    | PTC0300  |
| 24                     |          |
| -                      |          |
| DFM/500                | DF500    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| CCH/2,5-4              | CCH02    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| BTU per PR/DIN e PR/3  | BT005    |
| BTO                    | BT007    |
| BT/3 solo per PR/3     | BT003    |
| -                      |          |
| PR/3/AC in acciaio     | PR003    |
| PR/3/AS idem con asole | PR005    |

| Type                   | Cat. No. |
|------------------------|----------|
| HLD.2/PT/GR            | HL201GR  |
| -                      |          |
| PTC/03/02 poli         | PTC0302  |
| PTC/03/03 poli         | PTC0303  |
| PTC/03/05 poli         | PTC0305  |
| PTC/03/10 poli         | PTC0310  |
| PTC/03/00 (47 poli)    | PTC0300  |
| 24                     |          |
| -                      |          |
| DFM/500                | DF500    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| CCH/2,5-4              | CCH02    |
| -                      |          |
| CNU/8/51               | NU0851   |
| -                      |          |
| BTU per PR/DIN e PR/3  | BT005    |
| BTO                    | BT007    |
| BT/3 solo per PR/3     | BT003    |
| -                      |          |
| PR/3/AC in acciaio     | PR003    |
| PR/3/AS idem con asole | PR005    |