

## Panel feed-through terminal block - HDFKV 95-F/Z - 0714118

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Panel feed-through terminal block, Connection method: Screw connection, Load current : 232 A, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG 4 - 3/0, Connection direction of the conductor to plug-in direction: 90 °, Width: 25 mm, Color: gray

### Product Features

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Universal screw connection with screw locking
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Spacer plates increase clearances and creepage distances
- 



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 10 pc    |
| Custom tariff number   | 85369010 |
| Country of origin      | Greece   |

### Technical data

#### General

|   |       |
|---|-------|
| Number of levels                        | 1     |
| Number of connections                   | 2     |
| Color                                   | gray  |
| Inflammability class according to UL 94 | V0    |
| Maximum load current                    | 232 A |
| Rated surge voltage                     | 8 kV  |
| Pollution degree                        | 3     |
| Surge voltage category                  | III   |
| Insulating material group               | I     |

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### Technical data

#### General

|                                  |  |
|----------------------------------|--|
| Connection in acc. with standard | IEC 60947-7-1                                  |
| Nominal current $I_N$            | 232 A  |
| Nominal voltage $U_N$            | 1000 V (With metal panels of 1 mm ... 2.5 mm)  |
|                                  | 800 V (With metal panels over 2.5 mm ... 5 mm) |
|                                  | 690 V (With metal panels over 5 mm ... 6 mm)   |
| Open side panel                  | nein   |
| Number of positions              | 1  |

#### Dimensions

|                 |               |
|-----------------|---------------|
| Width           | 25 mm         |
| Length          | 103.7 mm      |
| Plate thickness | 1 mm ... 6 mm |

#### Connection data

|   |                    |
|---|--------------------|
| Note  | Terminal sleeve    |
| Connection side   | Level 1 ext. 1     |
| Connection method   | Screw connection   |
| Conductor cross section solid min.  | 25 mm <sup>2</sup> |
| Conductor cross section solid max.  | 95 mm <sup>2</sup> |
| Conductor cross section flexible min.   | 35 mm <sup>2</sup> |
| Conductor cross section flexible max.   | 95 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.  | 4                  |
| Conductor cross section AWG/kcmil max   | 3/0                |
| Conductor cross section flexible, with ferrule without plastic sleeve min.            | 35 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.            | 95 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve min.               | 35 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.               | 95 mm <sup>2</sup> |
| 2 conductors with same cross section, solid min.                                      | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                      | 35 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                   | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                   | 35 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 35 mm <sup>2</sup> |
| Stripping length  | 27 mm              |
| Internal cylindrical gage   | B12                |
| Screw thread  | M8                 |
| Tightening torque, min  | 15 Nm              |

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## Technical data

### Connection data

|                       |       |
|-----------------------|-------|
| Tightening torque max | 20 Nm |
|-----------------------|-------|

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141134 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Approvals

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Approvals

CSA / UL Recognized / PRS / EAC

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Ex Approvals

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Approvals submitted

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## Approvals

### Approval details

|                                |       |       |       |
|--------------------------------|-------|-------|-------|
| CSA                            |       |       |       |
|                                |       | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 2     | 2-4/0 | 2-4/0 |
| Nominal current I <sub>N</sub> | 200 A | 200 A | 200 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V | 600 V |

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | C     |
| mm <sup>2</sup> /AWG/kcmil     | 4-4/0 | 4-4/0 |
| Nominal current I <sub>N</sub> | 230 A | 230 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

|     |
|-----|
| PRS |
|-----|

|     |
|-----|
| EAC |
|-----|

## Drawings

Dimensional drawing

