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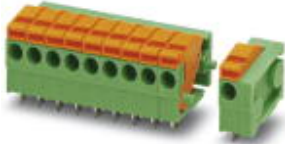
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## PCB terminal block - FFKDSA1/H-3,81- 4 - 1700282

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 4, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 0 °, Color: green



The illustration shows the 10-position version



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 STK    |
| Minimum order quantity | 50 STK   |
| Custom tariff number   | 85369010 |
| Country of origin      | Greece   |

### Technical data

#### Environmental Product Compliance

|            |                                                |
|------------|------------------------------------------------|
| China RoHS | No hazardous substances above threshold values |
|------------|------------------------------------------------|

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length                   | 13.65 mm  |
| Pitch                    | 3.81 mm   |
| Dimension a              | 11.43 mm  |
| Width                    | 17.74 mm  |
| Constructional height    | 12.7 mm   |
| Height                   | 16.1 mm   |
| Length of the solder pin | 3.4 mm    |
| Pin dimensions           | 0,5 x 1,0 |
| Pin spacing              | 5.08 mm   |
| Hole diameter            | 1.3 mm    |

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## Technical data

### General

|                                  |                   |
|----------------------------------|-------------------|
| Range of articles                | FFKDS(A)/H        |
| Rated surge voltage (III/3)      | 2.5 kV            |
| Rated surge voltage (III/2)      | 2.5 kV            |
| Rated surge voltage (II/2)       | 2.5 kV            |
| Rated voltage (III/3)            | 160 V             |
| Rated voltage (III/2)            | 160 V             |
| Rated voltage (II/2)             | 320 V             |
| Connection in acc. with standard | EN-VDE            |
| Nominal current I <sub>N</sub>   | 12 A              |
| Nominal cross section            | 1 mm <sup>2</sup> |
| Solder pin surface               | Sn                |
| Stripping length                 | 10 mm             |
| Number of positions              | 4                 |

### Connection data

|                                  |    |
|----------------------------------|----|
| Conductor cross section AWG min. | 26 |
| Conductor cross section AWG max. | 18 |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CSA    |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 27440401 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

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## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## Approvals


### Approvals


#### Approvals

CSA / UL Recognized / cUL Recognized / CCA / KEMA-KEUR / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals


### Approval details

|                                                                                                                                                                                                                                                                                                         |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA  <a href="http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing-13631">http://www.csagroup.org/us/en/services/testing-and-certification/certified-product-listing-13631</a> |       |
|                                                                                                                                                                                                                                                                                                         | B     |
| mm <sup>2</sup> /AWG/kcmil                                                                                                                                                                                                                                                                              | 26-18 |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                                                          | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                                                          | 150 V |


|                                                                                                                                                                                                                                                                      |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> FILE E 60425 |       |       |
|                                                                                                                                                                                                                                                                      | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                                                                                                                                                                                           | 26-16 | 26-16 |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                       | 6 A   | 6 A   |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                       | 300 V | 300 V |


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## Approvals

|                                                                                                                                                                                                                                                                     |       |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> FILE E 60425 |       |       |
|                                                                                                                                                                                                                                                                     | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                                                                                                                                                                                          | 26-16 | 26-16 |
| Nominal current IN                                                                                                                                                                                                                                                  | 6 A   | 6 A   |
| Nominal voltage UN                                                                                                                                                                                                                                                  | 300 V | 300 V |

|                            |       |
|----------------------------|-------|
| CCA NTR NL-7074            |       |
| mm <sup>2</sup> /AWG/kcmil | 1.0   |
| Nominal voltage UN         | 130 V |

|                                                                                                                                                                                             |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| KEMA-KEUR  <a href="http://www.dekra-certification.com">http://www.dekra-certification.com</a> 2160724.01 |       |
| mm <sup>2</sup> /AWG/kcmil                                                                                                                                                                  | 1.0   |
| Nominal voltage UN                                                                                                                                                                          | 130 V |

|                                                                                                                                                                        |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> NL-25836 |       |
| mm <sup>2</sup> /AWG/kcmil                                                                                                                                             | 1.0   |
| Nominal voltage UN                                                                                                                                                     | 130 V |

|             |
|-------------|
| EAC B.01742 |
|-------------|

|                                                                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> |  |
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