

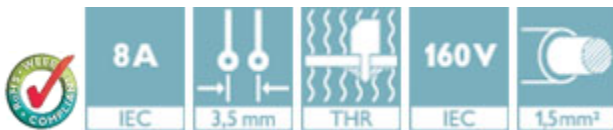
## Base strip - IMC 1,5/ 5-G-3,5 RN P20 THR - 1830595

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering



The figure shows a 10-position version of the product



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 50 pc    |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 14.5 mm |
| Pitch                    | 3.50 mm |
| Dimension a              | 14 mm   |
| Width                    | 18.3 mm |
| Height                   | 6.3 mm  |
| Length of the solder pin | 2 mm    |
| Pin dimensions           | 1,12 mm |
| Pin spacing              | 2.54 mm |
| Hole diameter            | 1.2 mm  |

#### General

|                             |                     |
|-----------------------------|---------------------|
| Range of articles           | IMC 1,5/..-G-RN-THR |
| Insulating material group   | IIIa                |
| Rated surge voltage (III/3) | 2.5 kV              |

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### Technical data

#### General

|                                        |        |
|----------------------------------------|--------|
| 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>         | 8 A    |
| Maximum load current                   | 8 A    |
| Insulating material                    | LCP    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | black  |
| Number of positions                    | 5      |

#### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |

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### Classifications

#### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2  | 39121409 |

### Approvals

#### Approvals

#### Approvals

cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / EAC

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
|                                                                                                                             |       |
| Nominal current I <sub>N</sub>                                                                                              | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                                              | 160 V |

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEx CB Scheme  |       |
|                                                                                                     |       |
| Nominal current I <sub>N</sub>                                                                      | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                      | 160 V |

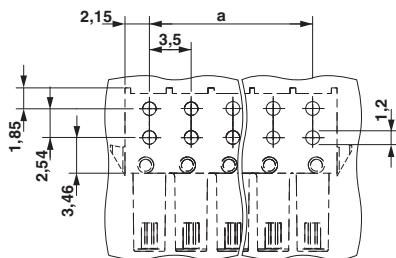
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## Approvals

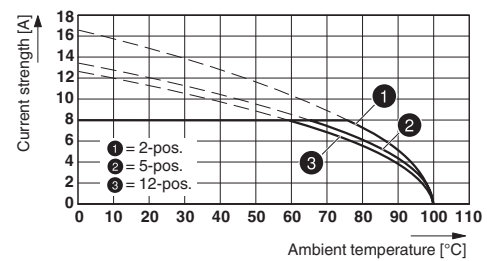
EAC

## Drawings

Drilling diagram

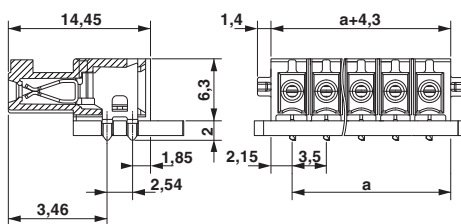


Diagram

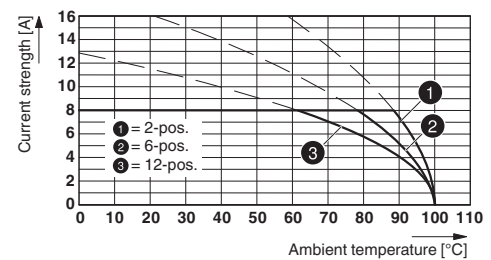


Type: IFMC 1,5/...-ST-3,5-RF with IMC 1,5/...-G-3,5 RN P20 THR

Dimensional drawing



Diagram



Type: IMC(V) 1,5/...-G-3,5 THR with MC(V) 1,5/...-G-3,5 THR