

# UK 10,3-HESILED N 690 2POL - Fuse modular terminal block



3048506  
<https://www.phoenixcontact.com/us/products/3048506>

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Lever-type fuse terminal block

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 3048506                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BE12                           |
| Product key                          | BE1234                         |
| GTIN                                 | 4046356056076                  |
| Weight per piece (including packing) | 118.9 g                        |
| Weight per piece (excluding packing) | 118 g                          |
| Customs tariff number                | 85369095                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                            |     |
|----------------------------|-----|
| Number of connections      | 2   |
| Insulation characteristics |     |
| Overvoltage category       | III |
| Degree of pollution        | 3   |

### Electrical properties

|                     |                    |
|---------------------|--------------------|
| Fuse type           | Glass              |
| Rated surge voltage | 6 kV               |
| Fuse                | Midget / 10.3 x 38 |

### Connection data

|                                                                                           |                                                            |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Nominal cross section                                                                     | 16 mm <sup>2</sup>                                         |
| Level 1 above 1 below 1                                                                   |                                                            |
| Screw thread                                                                              | M5                                                         |
| Tightening torque                                                                         | 2.5 ... 3 Nm                                               |
| Stripping length                                                                          | 12 mm                                                      |
| Internal cylindrical gage                                                                 | B6                                                         |
| Conductor cross section rigid                                                             | 0.75 mm <sup>2</sup> ... 25 mm <sup>2</sup>                |
| Cross section AWG                                                                         | 16 ... 4 (converted acc. to IEC)                           |
| Conductor cross section flexible                                                          | 0.75 mm <sup>2</sup> ... 25 mm <sup>2</sup>                |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 0.75 mm <sup>2</sup> ... 16 mm <sup>2</sup>                |
| Flexible conductor cross section (ferrule with plastic sleeve)                            | 0.75 mm <sup>2</sup> ... 16 mm <sup>2</sup>                |
| Cross-section with insertion bridge, rigid                                                | 10 mm <sup>2</sup>                                         |
| Cross-section with insertion bridge, flexible                                             | 10 mm <sup>2</sup>                                         |
| 2 conductors with same cross section, solid                                               | 0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>                 |
| 2 conductors with same cross section, flexible                                            | 0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>                 |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve       | 0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>                 |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.75 mm <sup>2</sup> ... 10 mm <sup>2</sup>                |
| Nominal current                                                                           | 32 A (the current and voltage are determined by the fuse)  |
| Maximum load current                                                                      | 32 A (the current and voltage are determined by the fuse)  |
| Nominal voltage                                                                           | 690 V (the current and voltage are determined by the fuse) |

### Dimensions

|       |       |
|-------|-------|
| Width | 36 mm |
|-------|-------|

### Material specifications

|                                        |       |
|----------------------------------------|-------|
| Color                                  | black |
| Flammability rating according to UL 94 | V0    |

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|                           |      |
|---------------------------|------|
| Insulating material group | IIIb |
| Insulating material       | PA   |

## Mounting

|               |           |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
|               | NS 35/15  |

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3048506>

|  <b>CSA</b><br>Approval ID: 225908 |                       |                       |                   |                             |
|---------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                     | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                                                     | 600 V                 | 30 A                  | 18 - 3            | -                           |
| Multi-conductor connection                                                                                          | 600 V                 | 30 A                  | 18 - 6            | -                           |

|  <b>EAC</b><br>Approval ID: RU C-DE.BL08.B.00534 |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

|  <b>UL Listed</b><br>Approval ID: FILE E 244294 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                                                                  | 600 V                 | 30 A                  | -                 | 18 - 3                      |
| Multi-conductor connection                                                                                                       | 600 V                 | 30 A                  | -                 | 18 - 6                      |

|  <b>cUL Listed</b><br>Approval ID: FILE E 244294 |                       |                       |                   |                             |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                     | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                                                                     | 600 V                 | 30 A                  | 18 - 3            | -                           |
| Multi-conductor connection                                                                                                          | 600 V                 | 30 A                  | 18 - 6            | -                           |

| <b>cULus Listed</b> |  |  |  |  |
|---------------------|--|--|--|--|
|---------------------|--|--|--|--|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141116 |
| ECLASS-12.0 | 27141116 |
| ECLASS-13.0 | 27250113 |

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## Environmental product compliance

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| EU RoHS                                 |                                          |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                       |
| China RoHS                              |                                          |
| Environment friendly use period (EFUP)  | EFUP-E                                   |
|                                         | No hazardous substances above the limits |
| EU REACH SVHC                           |                                          |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt%               |

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