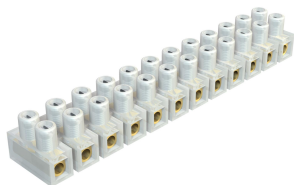


# Technical data sheet

## 4 mm<sup>2</sup> series connector, polyamide

Item number: 2055929



Brass terminals, steel screws, galvanised and blue passivated, 12-pin, individual terminals detachable.

Captive upwards screw.

Nominal cross-section 4 mm<sup>2</sup>.

Rated voltage 450 V.

Nominal current 32 A.

Max. attachment each side: 4 mm<sup>2</sup> single-wire or 2.5 mm<sup>2</sup> multi-wire.

Maximum approved ambient temperature to EN 60998: -5 to +85°C.



**PA** Polyamide

### Master data

|                     |                    |
|---------------------|--------------------|
| Item number         | 2055929            |
| Type                | 72 VDE/EKL 0E PA   |
| Description 1       | Terminal strip     |
| Manufacturer        | OBO                |
| Dimension           | 4,0mm <sup>2</sup> |
| Colour              | Transparent        |
| Material            | Polyamide          |
| Smallest sales unit | 10                 |
| Unit of quantity    | Piece              |
| Weight              | 2 kg               |
| Weight unit         | kg/100 pc.         |

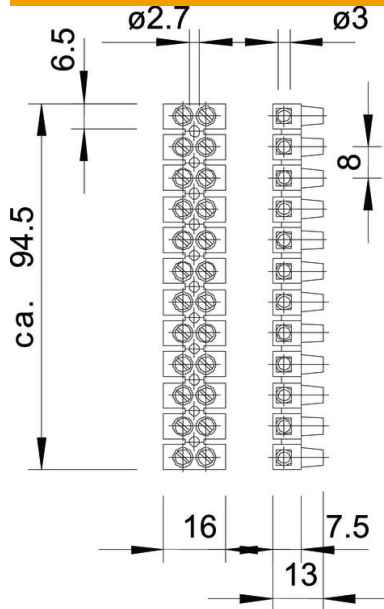
# Technical data sheet

## 4 mm<sup>2</sup> series connector, polyamide

Item number: 2055929



### Dimensions



|        |         |
|--------|---------|
| Length | 94.5 mm |
| Width  | 16 mm   |
| Height | 13 mm   |

### Technical data

|   |                     |
|---|---------------------|
| Closing plate required  | no                  |
| Connectable conductor cross-section, single-wire, max.                        | 4 mm <sup>2</sup>   |
| Connectable conductor cross-section, single-wire, min.                        | 1 mm <sup>2</sup>   |
| Connectable conductor cross-section, fine-wire with wire-end ferrule, max.    | 2.5 mm <sup>2</sup> |
| Connectable conductor cross-section, fine-wire with wire-end ferrule, min.    | 2.5 mm <sup>2</sup> |
| Connectable conductor cross-section, fine-wire without wire-end ferrule, max. | 2.5 mm <sup>2</sup> |
| Connectable conductor cross-section, fine-wire without wire-end ferrule, min. | 1 mm <sup>2</sup>   |
| Connectable conductor cross-section, multi-wire, max.                         | 2.5 mm <sup>2</sup> |
| Connectable conductor cross-section, multi-wire, min.                         | 1 mm <sup>2</sup>   |
| Connection position   | Side                |
| No. of terminals  | 12                  |
| Number of screwless terminals per pole  | 2                   |
| Version of electrical connection 1  | Screw connection    |
| Version of electrical connection 2  | Screw connection    |
| Drill hole spacing, centre  | 8 mm                |
| Explosion-tested version  | no                  |
| Suitable for flexible conductors  | yes                 |

# Technical data sheet

4 mm<sup>2</sup> series connector, polyamide

Item number: 2055929



## Technical data

|                                    |  |
|------------------------------------|--|
| Suitable for solid conductors      | yes  |
| Suitable for multi-wire conductors | yes  |
| Insulation material                | Thermoplast  |
| Mounting type                      | Direct mounting  |
| Nominal cross-section, max.        | 4 mm <sup>2</sup>  |
| Nominal cross-section, min.        | 4 mm <sup>2</sup>  |
| Nominal voltage                    | 450 V  |
| Nominal current                    | 32 A   |
| Pole number                        | 12   |
| Cross-section                      | Max. attachment each side: 4 mm <sup>2</sup> single-wire or 2.5 mm <sup>2</sup> multi-wire mm <sup>2</sup> |
| Screw tightening torque            | 0.4 kN/m   |
| Permitted temperature range, max.  | 80 °C  |
| Permitted temperature range, min.  | -5 °C  |
| Transparent                        | yes  |
| Ambient temperature                | 85 °C  |