Technical data sheet

4 mm² 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 mm².

Rated voltage 450 V.

Nominal current 32 A.

Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire.

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















Polyamide

Master data

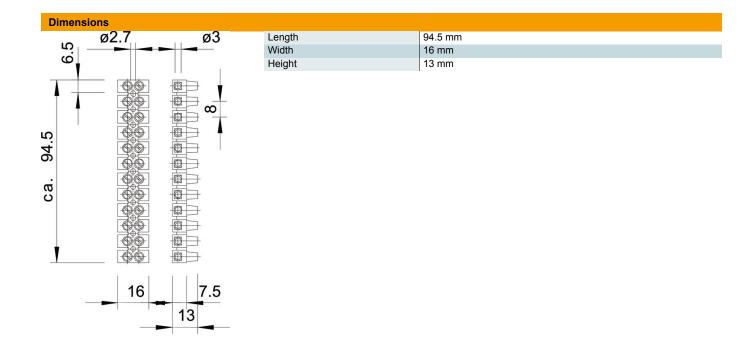
Item number	2055929
Description 1	Terminal strip
Manufacturer	OBO
Dimension	4,0mm²
Colour	Transparent
Material	Polyamide
Smallest sales unit	10
Unit of quantity	Piece
Weight	2 kg
Weight unit	kg/100 pc.

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Closing plate required Commedable conductor cross- section, single-wire, miax. Commedable conductor cross- section, single-wire with wire-end ferrule, min. Connectable conductor cross- section, fine-wire with wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, multi-wire, min. Connectable conductor cross- section nulti-wire conductor I mm² Side 12 Sorrew connection 12 Sorrew connection 12 Sorrew connection 12 Sorrew connection 13 Sorrew connection 14 Sorrew connection 15 Sorrew connection 16 Sorrew connection 17 Sorrew connection 18 Sorrew connection 19 Sorrew connection 19 Sorrew connection 20 Sorrew co			
Connectable conductor cross- section, single-wire, max. Connectable conductor cross- section, fine-wire with wire-end ferrule, max. Connectable conductor cross- section, fine-wire with wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, fine-wire without wire-end ferrule, min. Connectable conductor cross- section, milt-wire, max. Connectable conductor cross- section, milt-wire, min. Connectable conductor cross- section, milt-wire conductors Side 1 mm² 2.5 mm² 3 mm² 5 crew connection 2.5 mm² 5 crew connection 2.5 crew connection 3 Screw connection 3 Screw connection 4 mm² 5 crew connection 5 Screw connection 6 min 7 mine mine mine mine mine mine mine mine	Technical data		
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section, fine-wire with wire-end ferrule, max. Connectable conductor cross-section, fine-wire with wire-end ferrule, min. Connectable conductor cross-section, fine-wire without wire-end ferrule, min. Connectable conductor cross-section, mell-wire without wire-end ferrule, min. Connectable conductor cross-section, multi-wire, max. Connectable section cross-section, multi-wire, max. Connectable conductor cross-section, multi-wire, max. Connectable conductor cross-section, multi-wire, min. Connectable section cross-section, multi-wire min. Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for flexible conductors Insulation material Mounting type Nominal cross-section, min. Nominal votage Nominal cross-section, min. Nominal votage Yes Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, min. Transparent Yes Transparent			1 mm²
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section, fine-wire without wire-end ferrule, max. Connectable conductor cross-section, fine-wire without wire-end ferrule, min. Connectable conductor cross-section, multi-wire, max. Connectable conductor cross-section, multi-wire, min. Connection position No, of terminals Version of electrical connection 1 Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for multi-wire conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, min. Nominal cross-section, min. Nominal voltage Nominal current Pole number Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent I mm² 2.5 mm² Screw connection Screw connection Screw connection Screw connection Screw connection Nome a transparent Nam² Screw connection Screw connection Nome a transparent Nam²		section, fine-wire with wire-end	2.5 mm ²
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section, multi-wire, max. Connectable conductor cross-section, multi-wire, min. Connectable conductor cross-section, multi-wire, min. Connectable conductor section position No. of terminals No. of terminals 12 Number of screwless terminals per pole Version of electrical connection 1 Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Screw tightening torque Permitted temperature range, min. Transparent 1 mm² Side Side Side Side Screw connection Screw connection Nore wonnection Transparent 12 Arma Arma Arma 1 mm² Screw connection Transparent Screw connection Transparent 12 Arma Arma Arma Arma 1 mm² Side Arma 12 Arma Screw connection Transparent Arma		section, fine-wire without wire-end	1 mm²
section, multi-wire, min. Connection position No. of terminals 12 Number of screwless terminals per pole Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal current Nominal current Screw tonnection Screw connection Screw connection Screw connection ### Mm ### Mm ### Mm ### Minimal Conductors Insulation material Mounting type Direct mounting ### Mm² ### Minimal Cross-section, min. Nominal cross-section, min. Nominal current ### Max. ### A mm² ### Minimal Cross-section, min. ### Max. ### A mm² ### Minimal Cross-section, min. ### Max. ### A mm² ### Minimal Cross-section, min. ### Max. ### A mm² ### Minimal Cross-section, min. ### Max. ### A mm² ### Minimal Cross-section, min. ### Minimal Cross-section, min. ### Minimal Cross-section, min. ### A mm² ### Minimal Cross-section, min. ### Minimal Cross-section, min			2.5 mm ²
No. of terminals Number of screwless terminals per pole Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for solid conductors Insulation material Mounting type Nominal cross-section, max. Nominal voltage Nominal voltage Nominal current Pole number Cross-section Screw connection Non Screw connection Screw connection Screw connection Screw connection Screw connection Screw connection Non Screw connection Screw connection Screw connection Screw connec			1 mm²
Number of screwless terminals per pole Version of electrical connection 1 Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal voltage Nominal current Pole number Cross-section Screw connection		Connection position	Side
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Version of electrical connection 2 Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal voltage Nominal current Nominal current Screw tightening torque Permitted temperature range, min. Transparent Screw connection 8 mm 4 mm 9 mm 10 modes 9 mm 10 modes 9 mm 11 mm 12 mm 13 mm 14 mm 15 mm 16 mm 17 masparent 18 mm 19 mm 10 modes 9 mm 10 md 11 md 12 md 13 md 14 mm 15 md 16 md 17 md 18 mm 18 m			2
Drill hole spacing, centre Explosion-tested version Suitable for flexible conductors Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal voltage Nominal voltage Nominal current Pole number Cross-section Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent 8 mm no yes yes yes Thermoplast Thermoplast Direct mounting A mm² A mm² A mm² A mm² A ov A mm² A mm² A mm² A ov A mm² A ov A mm²		Version of electrical connection 1	Screw connection
Explosion-tested version Suitable for flexible conductors Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Nominal current Screw tightening torque Permitted temperature range, min. Transparent no yes yes Thermoplast Thermoplast Thermoplast Yes Thermoplast Thermoplast Thermoplast A mm² A mm² 4 mm² 4 mm² 4 mm² A mm² A mm² A mm² A moninal current A pole number 12 Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque 0.4 kN/m 80 °C -5 °C min. Transparent yes		Version of electrical connection 2	Screw connection
Suitable for flexible conductors Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal voltage Nominal voltage Nominal current Pole number Cross-section Screw tightening torque Permitted temperature range, min. Transparent Suitable for flexible conductors yes yes yes Yes Yes Yes Yes Mam² Yes Yes Yes Yes Yes Yes Yes Ye		Drill hole spacing, centre	8 mm
Suitable for solid conductors Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Pole number Cross-section Screw tightening torque Permitted temperature range, min. Transparent Suitable for solid conductors yes Thermoplast		Explosion-tested version	no
Suitable for multi-wire conductors Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Screw tightening torque Permitted temperature range, min. Transparent Summature time time time time time time time tim		Suitable for flexible conductors	yes
Insulation material Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Pole number Cross-section Screw tightening torque Permitted temperature range, min. Transparent Thermoplast Thermoplast Direct mounting A mm² 4 mm² 4 mm² 4 mm² 4 mm² 4 mm² 4 mm² 5 v V Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 80 °C -5 °C yes		Suitable for solid conductors	yes
Mounting type Nominal cross-section, max. Nominal cross-section, min. Nominal voltage Nominal current Screw tightening torque Permitted temperature range, min. Transparent Direct mounting Direct mounting A mm² A max A max A attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² B o °C A kN/m A max A mm² A max A mm² A max A		Suitable for multi-wire conductors	yes
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Nominal cross-section, min. Nominal voltage Nominal current 32 A Pole number 12 Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent 4 mm² Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 80 °C -5 °C yes		Mounting type	Direct mounting
Nominal voltage Nominal current 32 A Pole number 12 Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent 450 V Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 0.4 kN/m 80 °C -5 °C yes		Nominal cross-section, max.	4 mm²
Nominal current Pole number 12 Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent 32 A Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 0.4 kN/m 80 °C -5 °C yes		Nominal cross-section, min.	4 mm²
Pole number Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent 12 Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 0.4 kN/m 80 °C -5 °C yes		Nominal voltage	450 V
Cross-section Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire mm² 0.4 kN/m 80 °C -5 °C yes		Nominal current	32 A
Screw tightening torque Permitted temperature range, max. Permitted temperature range, min. Transparent re mm² 0.4 kN/m 80 °C -5 °C yes		Pole number	12
Permitted temperature range, max. Permitted temperature range, min. Transparent 80 °C -5 °C yes		Cross-section	
max. Permitted temperature range, min. Transparent -5 °C yes			0.4 kN/m
min. Transparent yes			80 °C
·			-5 °C
Ambient temperature 85 °C		Transparent	
		Ambient temperature	85 °C