## **Technical data sheet**

4 mm<sup>2</sup> series connectors, polypropylene

## Item number: 2056089



Tested according to EN 60998.

Steel terminals, steel screws, electrogalvanised, 12-pin, individual terminals detachable from strips using "twist'n'pull".

Captive upwards screw.

Max. approved ambient temperature to EN 60998: --5 to +80 °C.

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

Nominal voltage 450 V.

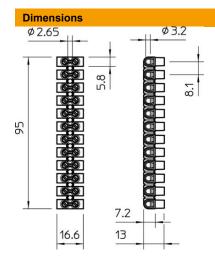
Nominal current 32 A.



Polypropylene PP

Master data

Item number	2056089
Туре	72 CE SW/EKL 0 S
Description 1	Terminal strip
Manufacturer	OBO
Dimension	4,0mm <sup>2</sup>
Colour	Black
Material	Polypropylene
Smallest sales unit	10
Unit of quantity	Piece
Weight	1.8 kg
Weight unit	kg/100 pc.



Length	95 mm
Width	16.6 mm
Height	13 mm

## **Technical data sheet**

4 mm<sup>2</sup> series connectors, polypropylene

## Item number: 2056089



Closing plate required no   Connectable conductor cross- section, fine-wire without wire-end ferrule, max. 4 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, max. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule, min. 1 mm <sup>2</sup> Connectable conductor cross- section, fine-wire without wire-end ferrule spacing, cente 8.1 mm   Number of screwiess terminals per pole 2 Screw connection   Version of electrical connection 1 Screw connection   Version of electrical connectors suitable for fiscible conductors yes yes   Suitable for multi-wire conductors wes yes   Mounting type Direct mounting Nominal vortage   A ma <sup>2</sup> 4 mm <sup>2</sup> Crose-secti	Technical data		
Connectable conductor cross- section, single-wire, max.4 mm²Connectable conductor cross- section, fine-wire without wire-end ferrule, max.1 mm²Connectable conductor cross- section, fine-wire without wire-end ferrule, max.4 mm²Connectable conductor cross- section, fine-wire without wire-end ferrule, min.1 mm²Connectable conductor cross- section, multi-wire, max.4 mm²Connectable conductor cross- section, multi-wire, max.1 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section position12Number of screw/ses terminals per pole2 Screw connectionVersion of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionSuitable for fiscible conductors yesyesSuitable for multi-wire conductors yesyesSuitable for multi-wire conductors yesYesNominal cross-section, min.4 mm²Nominal cross-section, min.4 mm²Nominal voltage450 VNominal cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w reflexible mm²Cross-section80 °Cmax.4 mm²Screw tighting torque0.4 kWimPermitted temperature range, min.80 °Cmin.Transparentno		Closing plate required	no
section, single-wire, min. Connectable conductor cross- 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. Connectable conductor cross- section, multi-wire, min. Connection position No. of terminals 1 mm² 2 2 2 2 2 2 2 2 2 2 2 2 2		Connectable conductor cross- section, single-wire, max.	
section, fine-wire without wire-end ferrule, max.1 mm²Connectable conductor cross- section, fine-wire without wire-end ferrule, min.4 mm²Connectable conductor cross- section, multi-wire, max.4 mm²Connectable conductor cross- section, multi-wire, max.1 mm²Connectable conductor cross- section, multi-wire, max.1 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section, multi-wire, min.SideConnection positionSideNo. of terminals12Version of electrical connection 1Screw connectionVersion of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionVersion of electrical connection 3Screw connectionVersion of electrical connection 4Screw connectionVersion of electrical connection 5yesSuitable for flexible conductors yesyesSuitable for flexible conductors yesyesSuitable for multi-wire conductors yesyesNominal cross-section, min.4 mm²Nominal cross-section, min.4 mm²Pole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reflexible mm²Permitted temperature range, min.3° CArm30 °CTransparentno		Connectable conductor cross- section, single-wire, min.	
section, fine-wire without wire-end ferrule, min.4 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section, multi-wire, min.1 mm²Connectable conductor cross- section, multi-wire, min.12Number of screwless terminals12Number of screwless terminals2Version of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for solid conductorsyesSuitable for solid conductorsyesNominal cross-section, min.4 mm²Nominal voltage450 VNominal voltage450 VNominal voltage8.2 APole number12Cross-sectionmax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reflexible mm²Screw tightening torque0.4 kN/mBo °Cmax.min5 °CTransparentno		section, fine-wire without wire-end	
section, multi-wire, max. Connectable conductor cross- section, multi-wire, min.1 mm²Connection positionSideNo. of terminals12Number of screwless terminals per pole2Version of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for flexible conductorsyesSuitable for flexible conductorsyesNominal voltage450 VNominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reflexible mm²Screw tightening torque0.4 kN/mScrew tightening torque5 °CPermitted temperature range, min5 °CTransparentno		section, fine-wire without wire-end	1 mm <sup>2</sup>
section, multi-wire, min.SideConnection positionSideNo. of terminals12Number of screwless terminals per pole2Version of electrical connectionScrew connectionVersion of electrical connectionScrew connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Screw tightening torque0.4 kN/mScrew tightening torque0.4 kN/mPermitted temperature range, min.5 °CPrinted temperature range, min.5 °C			4 mm <sup>2</sup>
No. of terminals12Number of screwless terminals per pole2Version of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for solid conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal voltage32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reflexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, min.80 °Cmin.Transparentno			
Number of screwless terminals per pole2Version of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reffetible mm²Screw tightening torque0.4 kN/mPermitted temperature range, min.80 °CPermitted temperature range, min.5 °CTransparentno		•	
per poleVersion of electrical connection 1Screw connectionVersion of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal voltage450 VNominal voltage450 VNominal cottage12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm³Screw tightening torque0.4 kN/mPermitted temperature range, min.80 °CTransparentno		No. of terminals	12
Version of electrical connection 2Screw connectionDrill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire reflexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.50 °CPermitted temperature range, min.50 °CTransparentno			2
Drill hole spacing, centre8.1 mmExplosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min.5° °CTransparentno		Version of electrical connection 1	Screw connection
Explosion-tested versionnoSuitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.50 °CPermitted temperature range, min5 °CTransparentno		Version of electrical connection 2	Screw connection
Suitable for flexible conductorsyesSuitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, min.80 °CPermitted temperature range, min5 °CTransparentno		Drill hole spacing, centre	8.1 mm
Suitable for solid conductorsyesSuitable for multi-wire conductorsyesMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Explosion-tested version	no
Suitable for multi-wire conductors Mounting typeDirect mountingMounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Suitable for flexible conductors	yes
Mounting typeDirect mountingNominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Suitable for solid conductors	yes
Nominal cross-section, min.4 mm²Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Suitable for multi-wire conductors	yes
Nominal voltage450 VNominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Mounting type	Direct mounting
Nominal current32 APole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Nominal cross-section, min.	4 mm <sup>2</sup>
Pole number12Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-w re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		0	
Cross-sectionMax. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Nominal current	
re/flexible mm²Screw tightening torque0.4 kN/mPermitted temperature range, max.80 °CPermitted temperature range, min5 °CTransparentno		Pole number	
Permitted temperature range, max. 80 °C   Permitted temperature range, min. -5 °C   Transparent no		Cross-section	Max. attachment each side: 4 mm² single-wire or 2.5 mm² multi-wire/flexible mm²
max. Permitted temperature range, min. Transparent no		Screw tightening torque	0.4 kN/m
min. Transparent no		max.	
		min.	-5 °C
		•	
Ambient temperature 80 °C		Ambient temperature	80 °C