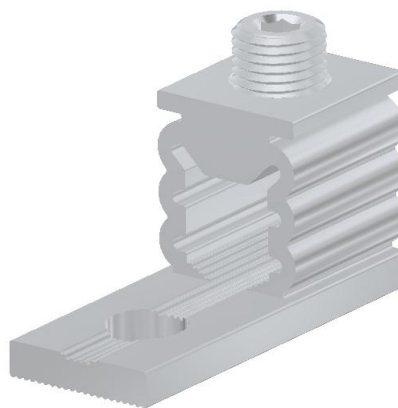


Product data

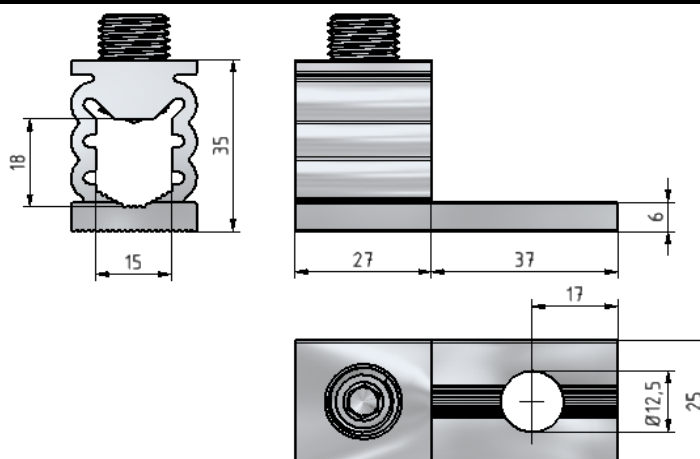
Product code	VC02-0003	STK-code	1912301	EAN-code	6410019123012
Product name	Universal connector 16-120mm ²				
Wires	1xAl/Cu 16-120 mm ²				

Technical data

Nominal current	Cu	280	A
	Al	230	A
Nominal voltage		690	V
Max. Current (US)	Cu	-	A
	Al	-	A
Max. Voltage (US)		-	V
Number of pole		1	
Max. Cross section		120	mm ²
Tightening torque	16-35 mm ²	12	Nm
Max. Operating temperature		80	°C
Weight		50	g
IP-protection		-	
Standards	EN 61238-1:2003		
Color/ Material	Sn		
Mounting/ Connection	Screw M14		


Description

Ouneva OT-connectors are a universal terminal series for connecting Al- and Cu-conductors to equipment. OT-connectors are used in equipment or as a transfer terminal between Cu and Al.

Drawing

Package

Package	Box	Pcs / Package	30	Weight [kg]	1,70
Length [mm]	210	Width [mm]	155	Height [mm]	105

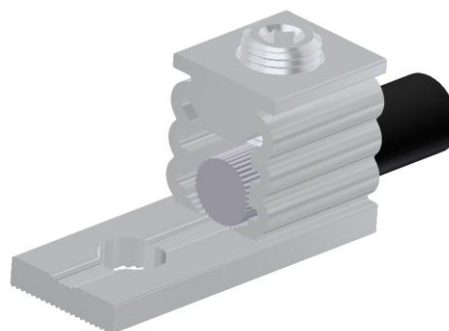
Product data				
Product code	Product name	$I_{n\text{ Al}}$	$I_{n\text{ Cu}}$	U_n
VC02-0003	Universal connector 16-120mm²	230 A	280	690 V
		$I_{\text{max Al}}$	$I_{\text{max Cu}}$	U_{max}
		-	-	-

Installation

Type	Screw M14
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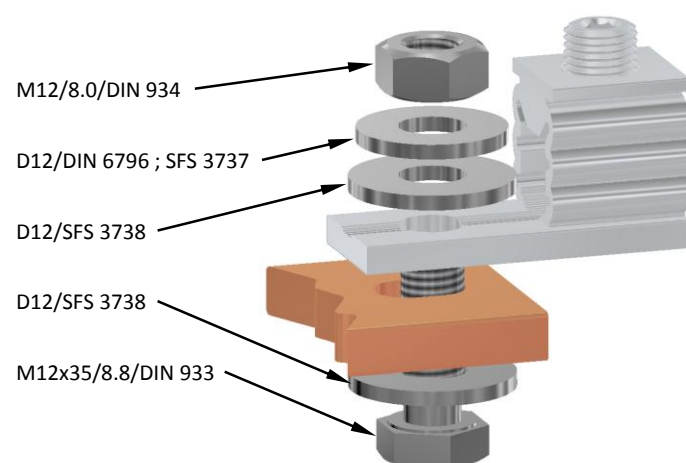
OT-Connectors are suitable for Aluminium- and Copper conductors.

- For stripping cable, see stripping length L_1 (table below)
- Remove any layer of oxide.
- Segmental conductors have to be rounded before mounting.



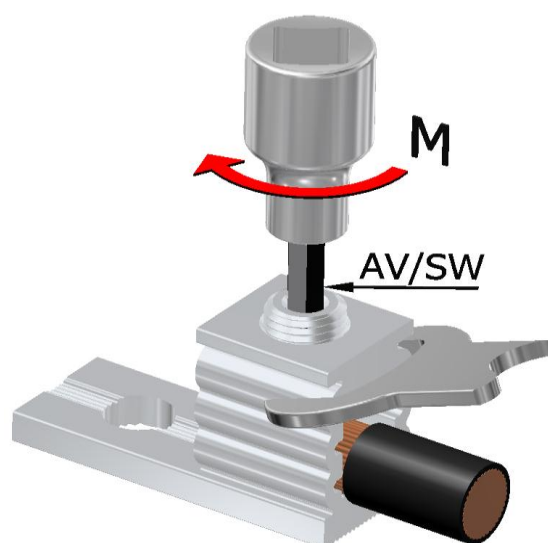
Connection

Screw head for tool	SW	-	Conductors	1xAl/Cu 16-120 mm²
Tightening torque M	16-35 mm ²	12 Nm	Stripping length	L_1 26±1 mm
	50-120 mm ²	25 Nm		
	-	-		
	-	-		



Mounting to busbar. See picture above

- Be sure that, there are no burrs around the hole.
- Length of the screw depends on the busbar thickness.
- Use standard screws, nuts and washers. (Plated by Zn)
- Recommended torque for M12 is 50-75 Nm



- Tighten the screw torque **M**
- Support connector during tightening.

Wiring, pcs / connection, Cu(Al)

1,5 mm ²	2,5 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²
-	-	-	-	-	-	-	3(1)
70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²
3(1)	3(1)	2(1)	1(1)	1(1)	1(1)	-	-