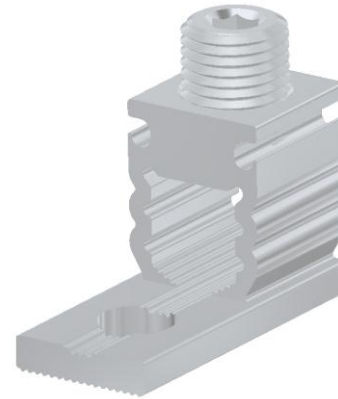


Product data

Product code	VC02-0001	STK-code	1912300	EAN-code	6410019123005
Product name	Universal connector 6-95mm ²				
Wires	1xAl/Cu 6-95 mm ²				

Technical data

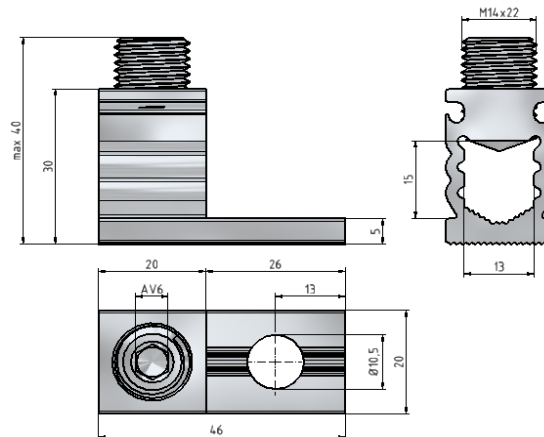
Nominal current	Cu	245	A
	Al	220	A
Nominal voltage		690	V
Max. Current (US)	Cu	-	A
	Al	-	A
Max. Voltage (US)		-	V
Number of pole		1	
Max. Cross section		95	mm ²
Tightening torque	6-35 mm ²	12	Nm
Max. Operating temperature		80	°C
Weight		22	g
IP-protection		-	
Standards	EN 61238-1:2003		
Color/ Material	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]	0,80
Length [mm]	120	Width [mm]	130	Height [mm]	100

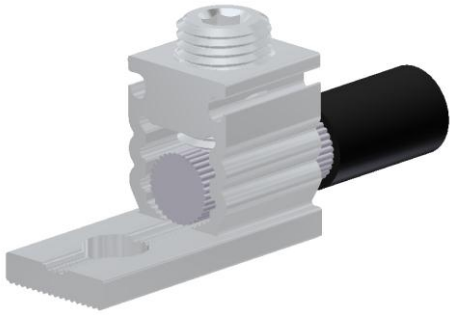
Product data				
Product code	Product name	$I_{n Al}$	$I_{n Cu}$	U_n
VC02-0001	Universal connector 6-95mm ²	220 A	245	690 V
		$I_{max Al}$	$I_{max Cu}$	U_{max}
		-	-	-

Installation

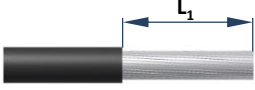
Type	Screw M14
------	-----------

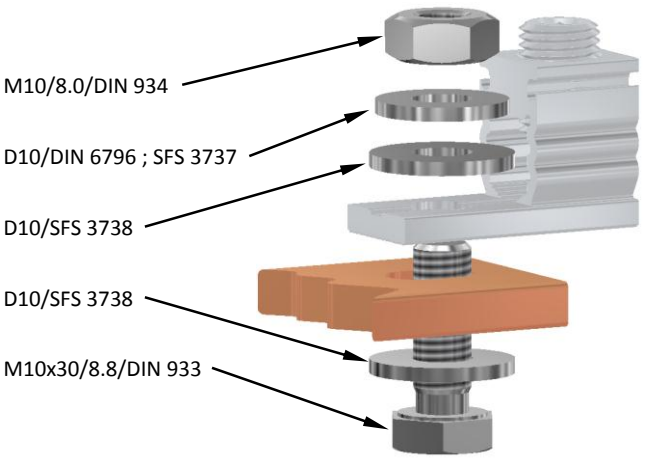
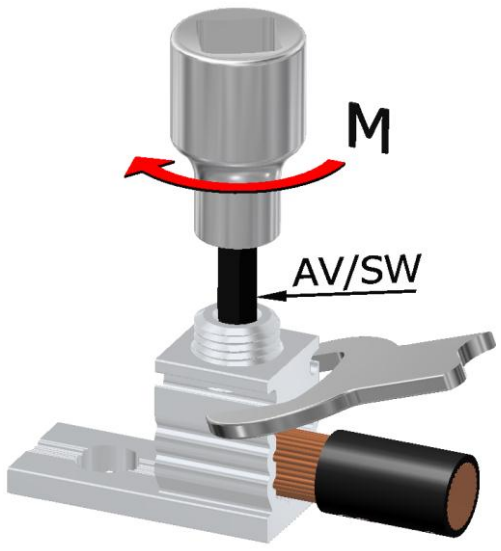
OT-Connectors are suitable for Aluminium- and Copper conductors.

- 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 6-95 mm ²
Tightening torque M	6-35 mm ²	12 Nm	Stripping length	L_1 22±1 mm
	50-95 mm ²	22 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 M10 is 30-44 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)	3(1)	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)	2(1)	1(1)	1(1)	1(1)	-	-	-