OUNEVA
OUNEVA GROUP

Product data

Product code	**VC02-0007**	STK-code	**1912305**	EAN-code	**6410019123050**
Product name	Universal connector 35-240mm²				
Wires	1xAl/Cu 35-240 mm²				

Technical data

Nominal current	Cu	**425**	A
	Al	**380**	A
Nominal voltage		**690**	V
Max. Current (US)	Cu	**-**	A
	Al	**-**	A
Max. Voltage (US)		**-**	V
Number of pole		**1**	
Max. Cross section		**240**	mm²
Tightening torque	35-120 mm²	**26**	Nm
Max. Operating temperature		**80**	°C
Weight		**86**	g
IP-protection		**-**	
Standards		**EN 61238-1:2003**	
Color/ Material		**Sn**	
Mounting/ Connection		**Screw M18**	

CE RoHS
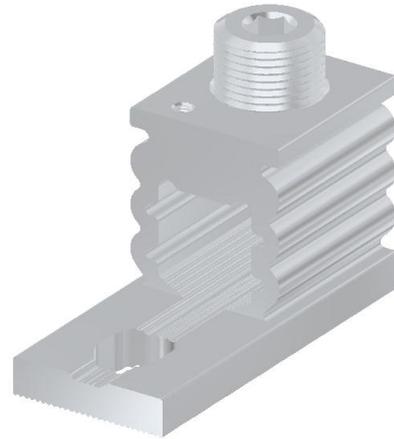
Description

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
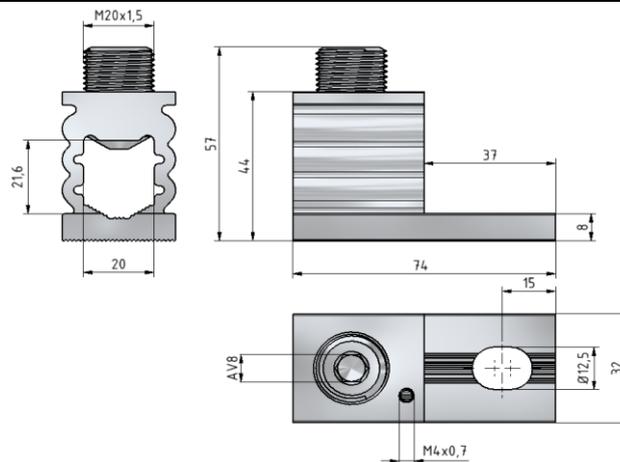
Package

Package	**Box**	Pcs / Package	**10**	Weight [kg]	**0,90**
Length [mm]	**120**	Width [mm]	**130**	Height [mm]	**100**

Product data

Product code	Product name	$I_{n\ Al}$	$I_{n\ Cu}$	U_n
		380 A	**425**	**690 V**
VC02-0007	**Universal connector 35-240mm²**	$I_{max\ Al}$	$I_{max\ Cu}$	U_{max}
		-	**-**	**-**

Installation
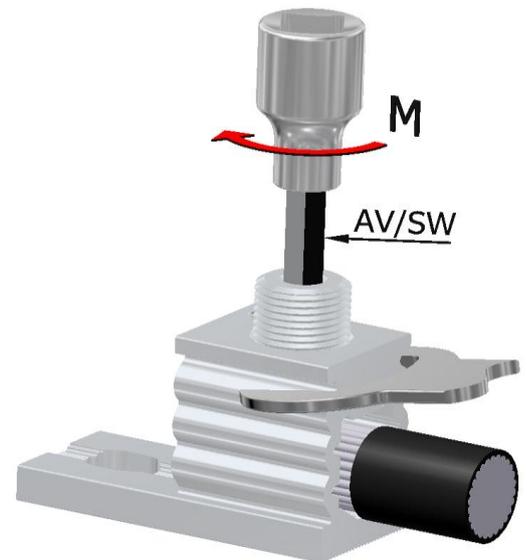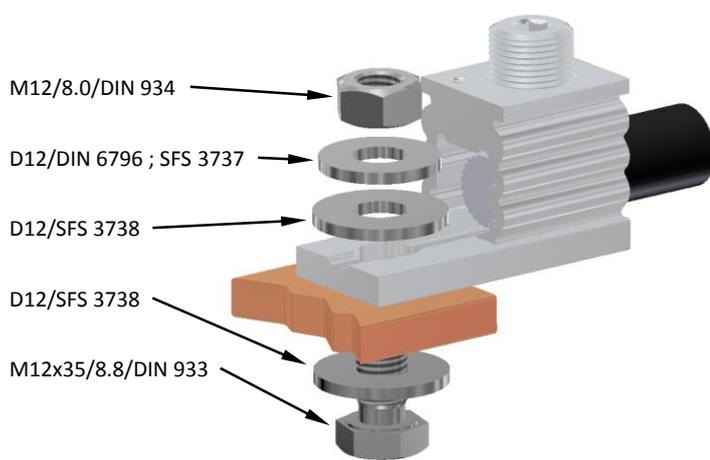
Type	**Screw M18**

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

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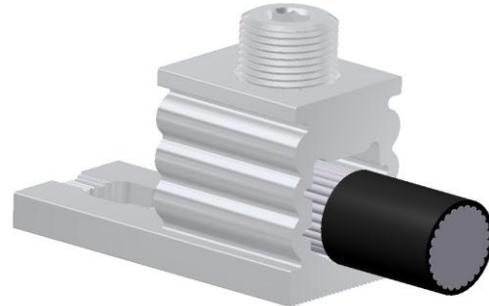
Connection

Screw head for tool		SW	**8 mm**	Conductors		**1xAl/Cu 35-240 mm²**
Tightening torque M	35-120 mm²		**26 Nm**	Stripping lenght	L_1	**36±1 mm**
	150-240 mm²		**40 Nm**			
	-		**-**			
	-		**-**			

M12/8.0/DIN 934

D12/DIN 6796 ; SFS 3737

D12/SFS 3738

D12/SFS 3738

M12x35/8.8/DIN 933

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

M

AV/SW

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

Wiring, pcs / connection, Cu(Al)

1,5 mm²	2,5 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²
-	-	-	-	-	-	**3(1)**	**3(1)**
70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²
3(1)	**2(1)**	**2(1)**	**1(1)**	**1(1)**	**1(1)**	**-**	**-**