OUNEVA
OUNEVA GROUP

INSTALLATION GUIDE

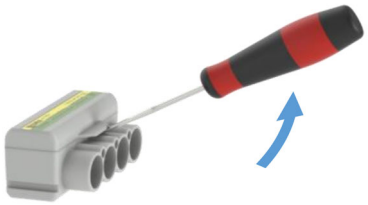
10.11.2020

Product data

Product code	Product name	$I_{n\,Al}$	$I_{n\,Cu}$	U_n			
VC02-0026	Pole branching connector Al 4x50 / Cu 4x35 mm²	145 A	135 A	1000 V			
VC02-0027	Pole branching connector Al 6x50 / Cu 6x35 mm²	145 A	135 A	1000 V			
VC02-0039	Pole branching connector Al 4x50 / Cu 4x35 + 3x1,5-2,5 mm²	145 A	135 A	1000 V			
VC02-0038	Pole branching connector Al 6x50 / Cu 6x35 + 3x1,5-2,5 mm²	145 A	135 A	1000 V			
VC02-0040	Pole branching connector Al 4x50 / Cu 4x35 mm² Blue	145 A	135 A	1000 V			
VC02-0042	Pole branching connector Al 6x50 / Cu 6x35 mm² Blue	145 A	135 A	1000 V			
VC02-0041	Pole branching connector Al 4x50 / Cu 4x35 + 3x1,5-2,5 mm² Blue	145 A	135 A	1000 V			
VC02-0043	Pole branching connector Al 6x50 / Cu 6x35 + 3x1,5-2,5 mm² Blue	145 A	135 A	1000 V			
VC02-0055	Pole branching connector Al 4x50 / Cu 4x35 + 3x1,5-2,5 mm² Yellow/Green	145 A	135 A	1000 V			
VC02-0057	Pole branching connector Al 4x50 / Cu 4x35 mm² Yellow/Green	145 A	135 A	1000 V			
VC02-0058	Pole branching connector Al 6x50 / Cu 6x35 mm² Yellow/Green	145 A	135 A	1000 V			
VC02-0059	Pole branching connector Al 6x50 / Cu 6x35 + 3x1,5-2,5 mm² Yellow/Green	145 A	135 A	1000 V			

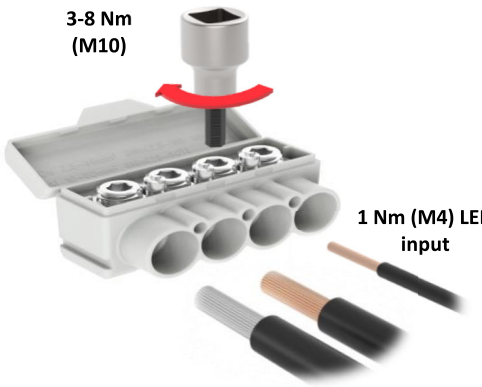
Installation

Type **On cable**



Open the housing with for example flat-bladed screwdriver

Close with light press after connection



Installation

Connector can be used for both **copper- or aluminium conductors**. It's recommended to use anti-corrosion paste for aluminium conductors. (e.g. Penetrox).

It is allowed to use max. three adjacent cross sectioned conductors per space (Copper conductors). The nominal max. cross section value must not be exceeded.

It is allowed to install only one aluminium conductor per space.

Using ferrule is recommended for fine-stranded conductors.

Sector shaped conductors must be pre-rounded before installation.

Support connector during tightening the screws.

Connection

Screw

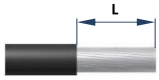


Screw 1	**M10**
SW	**5**
Screw 2	**M4**
Bit	**Pozidriv**

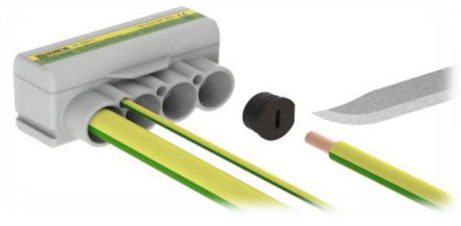
Tightening torque	
1,5-2,5 mm² (M4)	**1 Nm**
2,5-16 mm² (M10)	**3 Nm**
25-50 mm² (M10)	**8 Nm**
-	**-**

Max. Wire cross section **50 mm²**

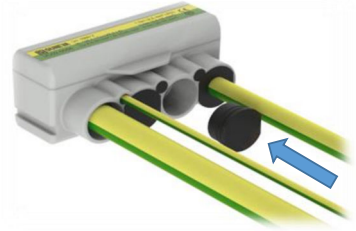
Stripping length **L** **16 mm**



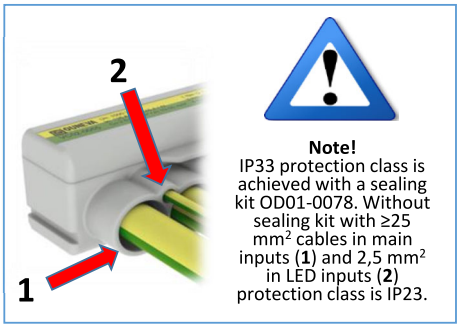
Sealing (Optional, OD01-0078 sealing plug kit needed)



Cut holes to sealing plugs and pull conductors trough (with 2,5 - 16 mm² conductors excl. LED input)



Put the conductors into dedicated inputs and sealing plugs into empty connector inputs



Note!
IP33 protection class is achieved with a sealing kit OD01-0078. Without sealing kit with ≥25 mm² cables in main inputs (**1**) and 2,5 mm² in LED inputs (**2**) protection class is IP23.

Cross section and max. number of Cu- conductors / space (Al- conductors in parenthesis)

1,5 mm²	2,5 mm²	6 mm²	10 mm²	16 mm²	25 mm²	35 mm²	50 mm²
-	**3**	**3**	**3**	**3 (1)**	**2 (1)**	**1 (1)**	**(1)**

The specified max. amount of conductors refers only to industrially installed terminals.

70 mm²	95 mm²	120 mm²	150 mm²	185 mm²	240 mm²	300 mm²	400 mm²
-	-	-	-	-	-	-	-

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