

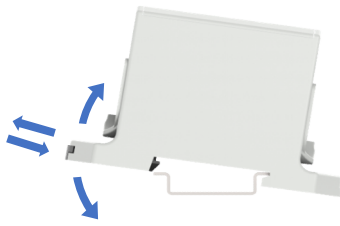




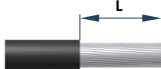




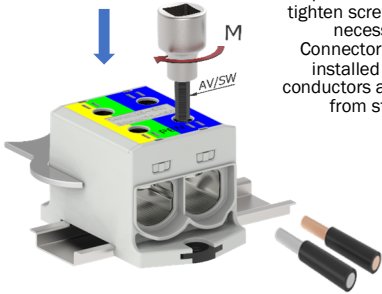
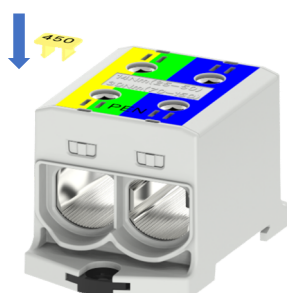

## Product data

Product code	Product name	$I_n$ Al	$I_n$ Cu	$U_n$	US specific		
					$I_{max}$ Al	$I_{max}$ Cu	$U_{max}$
VC05-0361	OTL PEN-connector 2xAl/Cu 25-150mm <sup>2</sup> (Ye/Gr/Blue)	290 A	640 A	1000 V AC / 1500 V DC	-	-	-

## Installation

Certification and approval	DIN-rail and screw (M5) mounting	
 	<p><b>DIN-rail mounting</b> Set the connector on DIN-rail. Push until connector locks down.</p>  <p><b>Removing from DIN-rail</b> Release the plastic snap with a screwdriver. Lift the connector.</p>	 <p>Use max. Ø5 mm screw.</p>

## Connection

Screw <div>  </div>		Screw <b>M16</b> SW <b>6</b>	Tightening torque <b>M</b> 25-50 mm <sup>2</sup> <b>14 Nm</b> 70-150 mm <sup>2</sup> <b>30 Nm</b>	Stripping length <b>L</b> <b>20 mm</b> 
Copper conductors Max. 3 X CU / Conductor contact space  ≤ 150 mm <sup>2</sup> total		Aluminium conductors 1 X AL / Conductor contact space  Anti-corrosion paste: e.g. Penetrox	Conductor range <b>2xAl/Cu 25-150 mm<sup>2</sup></b> Supported IEC 60228 -conductors  Class 5 & 6 (fine stranded) Using ferrule is recommended Class 1 & 2 (solid and stranded)	Sector shaped cable  Pre-round the cable
Conductor installation  Support connector during tightening the screws. Ensure the torque after tightening, tighten screws twice if necessary. Connector must be installed so that conductors are relieved from strain.		Marking  5 mm width (Eg. Partex TX)		Attention!  Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7

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

1,5 mm <sup>2</sup>	2,5 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	The specified max. amount of conductors refers only to industrially installed terminals.		
-	-	-	-	-	3 (1)	3 (1)	3 (1)			
			70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>	400 mm <sup>2</sup>
			2 (1)	1 (1)	1 (1)	1 (1)	-	-	-	-

## Ouneva Oy

Teollisuustie 21  
FI-82730 Tuupovaara, Finland

Tel. +358 400 179 750  
[info@ouneva.fi](mailto:info@ouneva.fi)

[www.ounevagroup.fi](http://www.ounevagroup.fi)  
[www.ounevaproducts.fi](http://www.ounevaproducts.fi)