
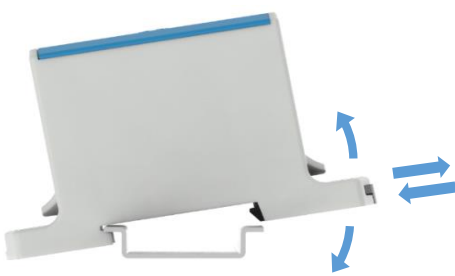



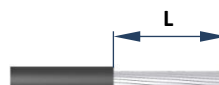
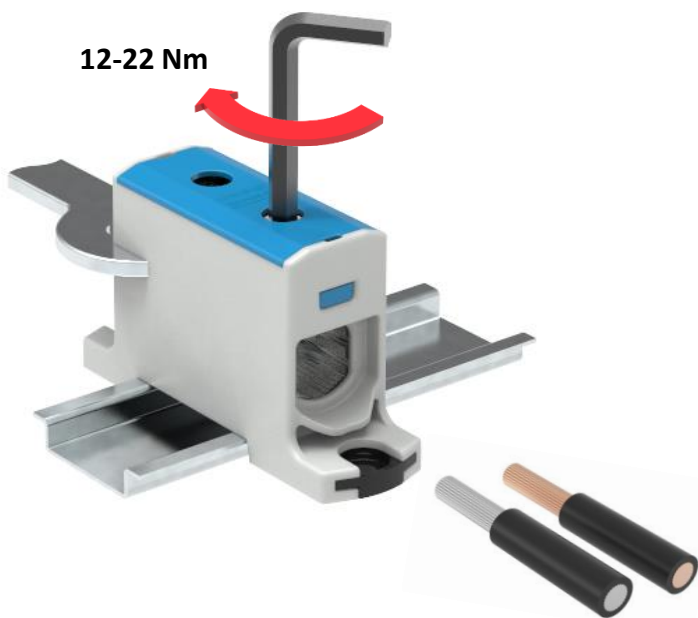


Product data							
Product code	Product name	$I_n$ Al	$I_n$ Cu	$U_n$	US specific		
					$I_{max}$ Al	$I_{max}$ Cu	$U_{max}$
<b>VC05-0019</b>	OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Grey)	220 A	245 A	1000 V	180 A	230 A	600 V
<b>VC05-0050</b>	OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Blue)	220 A	245 A	1000 V	180 A	230 A	600 V
<b>VC05-0051</b>	OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Yellow/Green)	220 A	245 A	1000 V	180 A	230 A	600 V
<b>VC05-0144</b>	OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Red)	220 A	245 A	1000 V	-	-	-
<b>VC05-0145</b>	OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Black)	220 A	245 A	1000 V	-	-	-

Installation	
Type	DIN-rail and screw (M5) mounting
<div>   <p><b>DIN-rail mounting</b> Set the connector on DIN-rail. Push until connector locks down. <b>Removing</b> Release the slider and lift connector</p> </div> <div>  <p><b>Screw mounting</b> Use max. Ø5 mm screw.</p> </div>	
	

Connection								
Screw	Thread	M14	Tightening torque		6-25 mm <sup>2</sup> (3-10 AWG)	12 Nm	Stripping length L	20 mm
	SW	6			35-95 mm <sup>2</sup> (4/0-2 AWG)	22 Nm		
					-	-		
					-	-		
					-	-		
				Max. wire cross section		95 mm <sup>2</sup>		

Installation	
 <p><b>12-22 Nm</b></p>	
<p>Connector can be used for both <b>copper- or aluminium conductors</b>. It's recommended to use anti-corrosion paste for aluminium conductors. (e.g. Penetrox).</p> <p>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.</p> <p>It is allowed to install only one aluminium conductor per space.</p> <p>Using ferrule is recommended for fine-stranded conductors.</p> <p>Sector shaped conductors must be pre-rounded before installation.</p> <p>Support connector during tightening the screws.</p> <p>Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7</p>	

Cross section and max. number of Cu- conductors / 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.	
-	-	<b>3 (1)</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>2 (1)</b>	<b>1 (1)</b>		
			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>
			<b>1 (1)</b>	<b>1 (1)</b>	-	-	-	-	-

## 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)