

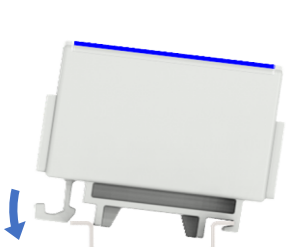
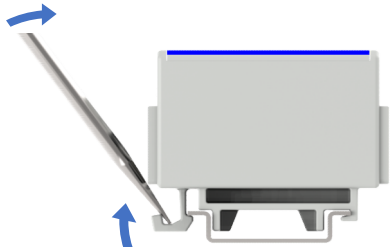





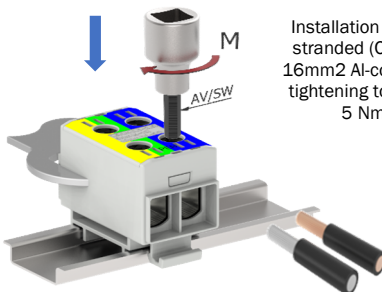




Product data							
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific		
					I _{max Al}	I _{max Cu}	U _{max}
VC05-0243	OTL PEN-connector 2xAl/Cu 1,5-50mm ² (Ye/Gr/Blue)	290 A	320 A	1000 V AC / 1500 V DC	-	-	-

Installation	
Certification and approval	DIN-rail mounting
 	 DIN-rail mounting Set the connector on DIN-rail. Push until connector locks down.
	 Removing from DIN-rail Release the plastic snap with a screwdriver. Lift the connector.

Connection							
Screw 	Screw	M10	Tightening torque M	1,5-2,5 mm ²	1,5 Nm	Stripping length L	15 mm
	SW	5		4-10 mm ²	5 Nm		
				16-50 mm ²	10 Nm		
			Conductor range	2xAl/Cu 1,5-50 mm ²			
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors			Sector shaped cable		
Max. 3 X CU / Conductor contact space  ≤ 50 mm ² total	1 X AL / Conductor contact space  Anti-corrosion paste: e.g. Penetrox		Class 5 & 6 (fine stranded) Using ferrule is recommended Class 1 & 2 (solid and stranded)		 Pre-round the cable		

Conductor installation	Marking	Attention!
Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.  Installation for one stranded (Class 1) 16mm ² Al-conductor tightening torque is 5 Nm.	 5 mm width (Eg. Partex TX)	 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 / space (Al- conductors in parenthesis)										
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	The specified max. amount of conductors refers only to industrially installed terminals.		
3 (1)	3 (1)	3 (1)	3 (1)	3 (1)	2 (1)	1 (1)	1 (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
			-	-	-	-	-	-	-	-