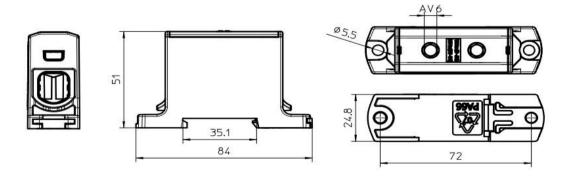




Product data						
Product code	VC05-0019		STK-code	1914112	EAN-code	6410019141122
Product name	OTL-connector	1xAl/Cu 6-9	95mm² (Grey)			
Wires	1xAl/Cu 6-95m	ım²				
Technical data						
Naminal aurrant	Cu	245	A			
Nominal current	Al	220	A			
Nominal voltage		1000	V			
M. C (116)	Cu	-	A		-	
Max. Current (US)	Al	-	A	VC05-00-	-	
Max. Voltage (US)		-	V	5 25 mgs 12 h		
Number of pole		1	pcs	Oth 385 A Ath	6	
Max. Cross section		95	mm²	GOUNE		
Tightening torque	6-25 mm²	12	Nm	3		
	35-95 mm²	22	Nm			
	-	-	Nm			
	-	-	Nm			
Max. Operating temperature		80	°C			
Weight		65	g			
IP-protection		IP20				(E _{RoHS} (
Standards		EN 61238-1; EN60947-7-1				
Color/ Material-flame rating		Grey RAL 7035/ PA66-V0				
Mounting/ Connection		DIN-rail and screw (M5) mounting				
Description			(:, : : : : : : : : : : : : : : : : : :			

OTL-connectors are designed to be used connecting and branching aluminium and copper conductors. The body is made of tin plated aluminium.

Drawing



Package											
Package	Вох	Pcs / Package	20	Weight [kg]	1,50						
Length [mm]	210	Width [mm]	155	Height [mm]	105						



Product data										
Product code	Double Louis	I _{n Al}	I _{n Cu}	Un	US specific					
	Product name				I _{max AI}	I _{max Cu}	\mathbf{U}_{max}			
VC05-0019	OTL-connector 1xAl/Cu 6-95mm² (Grey)	220 A	245 A	1000 V	-	-	-			
VC05-0050	OTL-connector 1xAl/Cu 6-95mm² (Blue)	220 A	245 A	1000 V	-	-	-			
VC05-0051	OTL-connector 1xAl/Cu 6-95mm² (Yellow/Green)	220 A	245 A	1000 V	-	-	-			
VC05-0144	OTL-connector 1xAl/Cu 6-95mm² (Red)	220 A	245 A	1000 V	-	-	-			
VC05-0145	OTL-connector 1xAl/Cu 6-95mm² (Black)	220 A	245 A	1000 V	-	-	-			
VC05-0230	OTL-connector 1xAl/Cu 6-95mm² (Brown)	220 A	245 A	1000 V	-	-	-			

Installation

DIN-rail and screw (M5) mounting Туре







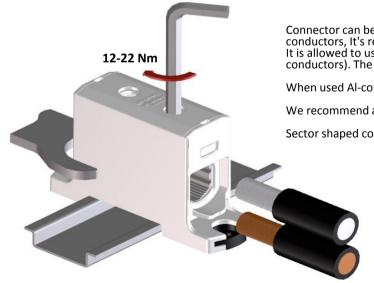
DIN-rail mounting Set the connector to DIN-rail. See picture. Push until "click"

Removing
Release the slider and lift connector

Screw mounting Use max. Ø5 mm screw. See picture.



Connection							
Screw	Thread	M14	Tightening torque	6-25 mm²	12 Nm	Stripping length L	20 mm
SW	SW	6		35-95 mm ²	22 Nm		
300				-	-		L
				-	-		
						100 mm	
			Max. wire cross section		95 mm²		



Installation

Connector can be used for both **copper- or aluminium conductors**. With the Alconductors, It's recommended to use anti-corrosion paste. (e.g. Penetrox). It is allowed to use max. of three adjacent cross sections in one space (Copper conductors). The nominal max. cross section value must not be exceeded.

When used Al-conductors, it is allowed to use only one conductor/space.

We recommend a ferrule when using a fine-stranded conductor.

Sector shaped conductors must be pre-rounded before installation.

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 mm2	2,5 mm2	6 mm2	10 mm2	16 mm2	25 mm2	35 mm2	50 mm2	The specified max. amount of conductors refers only to industrially			
-	-	3 (1)	3 (1)	3 (1)	3 (1)	2 (1)	1 (1)				
installed terminals.											
			70 mm2	95 mm2	120 mm2	150 mm2	185 mm2	240 mm2	300 mm2	400 mm2	
			1 (1)	1 (1)			_				