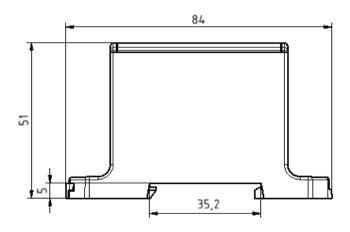
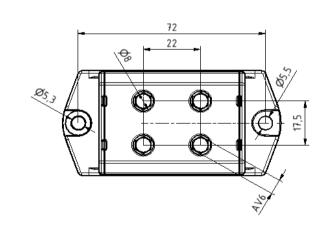


-	CONTENT CHOOL					
Product data						
Product code	VC05-0043		STK-code	1914116	EAN-code	6410019141160
Product name	OTL-connector	2xAl/Cu 6-9	5mm² (Blue)			
Wires	2xAl/Cu 6-95m	m²				
Technical data						
Nominal current	Cu	490	A			
	Al	440	A			
Nominal voltage		690	V		-	
Max. Current (US)	Cu	-	A			
Max. Current (03)	Al	-	A		Fi	
Max. Voltage (US)		-	V			
Number of pole Max. Cross section		1	pcs	9		
		2x95	mm²			
Tightening torque	6-25 mm²	12	Nm			
	35-95 mm²	22	Nm			
	-	-	Nm			
	-	-	Nm			
Max. Operating temp	erature	80	°C			
Weight		125	g			(E _{ROHS} FI
IP-protection		IP20				RoHS
Standards		EN 61238-1	; EN60947-7-1			
Color/ Material		Blue RAL 50	15/ PA66			
Mounting/ Connection	n	DIN-rail and	l screw (M5) mounting	S		
Description						

OTL-connectors are designed to be used connecting and branching aluminium and cobber conductors. Bodies are made of tin-plated aluminium.

Drawing





Package	Вох	pcs/ package	15	Weight [Kg]	1,80
Length [mm]	210	Width [mm]	155	Height [mm]	105

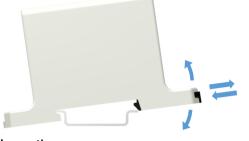


Product data							
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	I _{max AI}	I _{max Cu}	U _{max}
VC05-0042	C05-0042 OTL-connector 2xAI/Cu 6-95mm² (Grey)		490 A	690 V	-	-	-
VC05-0043	C05-0043 OTL-connector 2xAl/Cu 6-95mm² (Blue) C05-0044 OTL-connector 2xAl/Cu 6-95mm² (Yellow/Green) C05-0148 OTL-connector 2xAl/Cu 6-95mm² (Red)		490 A	690 V	-	-	-
VC05-0044			490 A	690 V	-	-	-
VC05-0148			490 A	690 V	-	-	-
VC05-0149	OTL-connector 2xAl/Cu 6-95mm² (Black)	440 A	490 A	690 V	-	-	-

Installation

Туре DIN-rail and screw (M5) mounting







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

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

M14

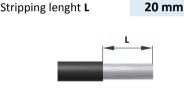
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Removing
Release the slider and lift connector



(EROHS (I)

Tightening torque	6-25 mm ²	12 Nm	Ç
	35-95 mm ²	22 Nm	
	-	-	
	-	-	
Max. Wire cross section		95 mm²	ı



12-22 Nm

Thread SW

Can be used for both copper- or aluminium conductors. With the Alconductors, It's recommended to use anti-corrosion paste. (i.e. 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/ one space.

Installation

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

Each protective conductor must have their own conductor space. SFS 6000:1999 clause 810.2.6

Cross-section of conductors and number of 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 conductors numb
0	0	3 (1)	3 (1)	3 (1)	3 (1)	2 (1)	1 (1)	refer only to industrial
								terminals.

70 mm2	95 mm2	120 mm2	150 mm2	185 mm2	240 mm2	300 mm2	400 mm2
1 (1)	1 (1)	0	0	0	0	0	0