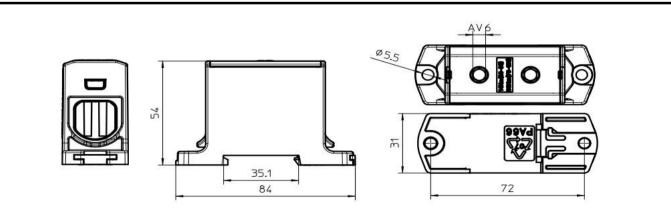


## PRODUCT CARD

Product data						
Product code	VC05-0028		STK-code	1914124	EAN-code	6410019141245
Product name	OTL-connector	1xAl/Cu 15	0mm² (Grey)			
Wires	1xAl/Cu 150m	m²				
Technical data						
Nominal current	Cu	320	A			
	A	290	A			
Nominal voltage		1000	V			
Max. Current (US)	Cu	-	A		-	
	Al	-	A	VCnr		
Max. Voltage (US)		-	V	25-50-0028 25-50-70 25-50-70 25-50-74 No.		
Number of pole		1	pcs	Carl Star	(6	
Max. Cross section		150	mm²	Gouneva	and and a second	
Tightening torque	25-50 mm <sup>2</sup>	14	Nm	3		
	70-150 mm <sup>2</sup>	30	Nm			
	-	-	Nm			
	-	_	Nm			
Max. Operating temperature		80	°C			
Weight		100	g			CE RoHS E
IP-protection		IP20				<b>СС</b> RŏHS (U)
Standards		EN 61238-1	; EN60947-7-1			
Color/ Material-flam	e rating	-	035/ PA66-V0			
Mounting/ Connection		-	d screw (M5) mountir	ng		
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 E	Box	Pcs / Package	20	Weight [kg]	2,20
Length [mm]	300	Width [mm]	205	Height [mm]	100

## **INSTALLATION GUIDE**



Product data										
					1					
Product code					I <sub>n Al</sub>	I <sub>n Cu</sub>	Un	I <sub>max Al</sub>	US specific	U <sub>max</sub>
VC05-0028	OTL-connecto	or 1xAl/Cu 15	0mm² (Grey)		290 A	320 A	1000 V	-	-	-
VC05-0029	OTL-connecto	or 1xAl/Cu 15	0mm² (Blue)		290 A	320 A	1000 V	-	-	-
VC05-0030	OTL-connected	L-connector 1xAl/Cu 150mm <sup>2</sup> (Yellow/Green)				320 A	1000 V	-	-	-
Installation	-									
Гуре	DIN-rail and	screw (M5)	mounting							
		Set the o See pict	mounting connector to Dure. Push unti	DIN-rail. il "click"		2				
C€₽₽₽₽		<b>Removi</b> r Release	<b>1g</b> the slider and	l lift connector	-	Us Se	se max. Ø5 m e picture .	mounting m screw.		
Connection Screw		Thread	M16	Tightening to		25-50 mm <sup>2</sup>	14 Nm	Stripping ler		20 mm
SW		SW	6			70-150 mm <sup>2</sup>	30 Nm -		L I	
Ť				Max. Wire cr	oss section	-	- 150 mm²			
				Max. Wire cr	oss section		- 150 mm <sup>2</sup> Installatio	n l		
	14-30	Nm		Conne condu It is all conduc When	ctor can be u ctors, It's reco owed to use i ctors). The no used Al-cond	ommended to max. of three ominal max. o	Installatio copper- or al o use anti-cor adjacent cro cross section llowed to use	uminium con rosion paste oss sections ir value must no e only one con	nductors. Wit . (e.g. Penetro n one space (d ot be exceede nductor/spac luctor.	ox). Copper ed.
	14-30	Nm		Conne conduc It is all conduc When We rec	ctor can be u ctors, It's reco owed to use ctors). The no used Al-cond commend a fo	ommended to max. of three ominal max. c uctors, it is a	Installatio copper- or al o use anti-cor adjacent cro ross section llowed to use using a fine-st	uminium con rosion paste iss sections ir value must no e only one con tranded cond	. (e.g. Penetro n one space (( ot be exceede nductor/spac luctor.	ox). Copper ed.
	14-30	Nm		Conne conduc It is all conduc When We rec	ctor can be u ctors, It's reco owed to use ctors). The no used Al-cond commend a fo	ommended to max. of three ominal max. c uctors, it is al errule when u luctors must l Each p	Installatio copper- or al o use anti-cor e adjacent cro cross section v llowed to use using a fine-st be pre-round	uminium con rosion paste iss sections ir value must n e only one con tranded cond ed before ins ed before ins	. (e.g. Penetro n one space (( ot be exceede nductor/spac luctor.	ox). Copper ed. e. ve their
ross section	14-30		onductors / sp	Connec conduc It is all conduc When We red Sector	ctor can be u ctors, It's reco owed to use i ctors). The no used Al-cond commend a fi shaped cond	ommended to max. of three ominal max. c uctors, it is a errule when u luctors must l Each pr own cc	Installatio copper- or al o use anti-cor e adjacent cro cross section v llowed to use using a fine-st be pre-round	uminium con rosion paste iss sections ir value must n e only one con tranded cond ed before ins ed before ins	. (e.g. Penetro n one space (( ot be exceede nductor/spac luctor. stallation.	ox). Copper ed. e. ve their
Tross section 1,5 mm2 -			mductors / sp 10 mm2	Connec conduc It is all conduc When We red Sector	ctor can be u ctors, It's reco owed to use i ctors). The no used Al-cond commend a fi shaped cond	ommended to max. of three ominal max. c uctors, it is a errule when u luctors must l Each pr own cc	Installatio copper- or al o use anti-cor e adjacent cro cross section v llowed to use using a fine-st be pre-round	uminium con rosion paste loss sections in value must no e only one col tranded cond ed before ins neutral condu se. SFS 6000::	. (e.g. Penetro n one space ( ot be exceede nductor/spac Juctor. stallation. ictor must hav 2007 clause 8	ox). Copper ed. e. ve their 10.7
1,5 mm2	and max. num 2,5 mm2	ther of Cu- cc	-	Connec conduc It is all conduc When We red Sector	ctor can be u ctors, It's reco owed to use i ctors). The no used Al-cond commend a fo shaped cond shaped cond <u>uctors in par</u> 25 mm2	ommended to max. of three ominal max. c uctors, it is al errule when u luctors must h Each pi own cc enthesis) 35 mm2	Installatio	uminium con rosion paste iss sections ir value must ne e only one con tranded cond ed before ins eeutral condu ce. SFS 6000::	. (e.g. Penetro n one space ( ot be exceede nductor/spac Juctor. stallation. ictor must hav 2007 clause 8	ox). Copper ed. e. ve their 10.7