

OTL Übergangsklemmer



Six reasons to choose OTL universal connectors

1

Higher 1000 V AC/
1500 V DC voltage rating

2

Tightening torque labels on
the connector cover

3

Places for component
markers (5 mm width
eg. Partex Tx)

4

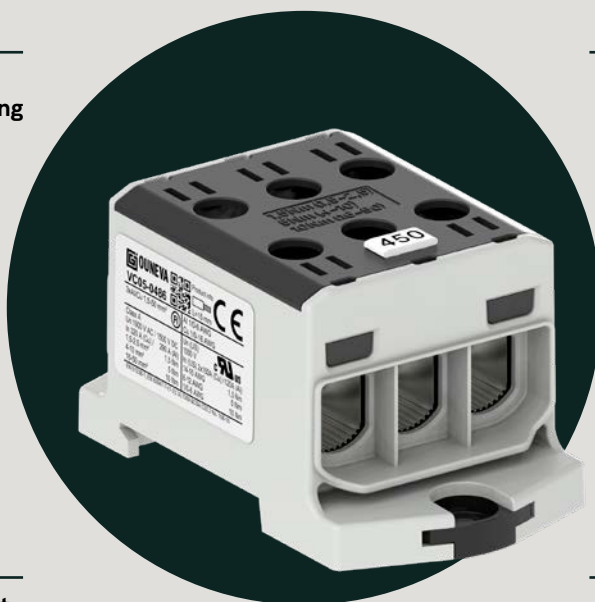
Easier installation with
conductor input collars

5

All five colours
UL- approved

6

Safe UL 94 V-0 class
plastic material



General

The OTL universal connectors offer the best quality on the market in addition to features, that increase the safety and ease of installation of the connectors and enable versatile end usage applications. Pregreased contact spaces and the connection done with hex screws guarantee easy and quick installation. The compact size of the connectors enables efficient use of space even in constricted installation spaces.

Use

OTL connectors are designed for connecting and branching aluminium and copper conductors.

Materials

The body is made of tin-plated aluminium. Housing is made of halogen-free UL94 V0-class polyamide.

Standards

EN 60947-7-1:2009, EN 60947-7-2:2009, EN 61238-1:2003, UL1059 and CSA C22.2 No 158-10.

Produktsikkerhet og sertifisering

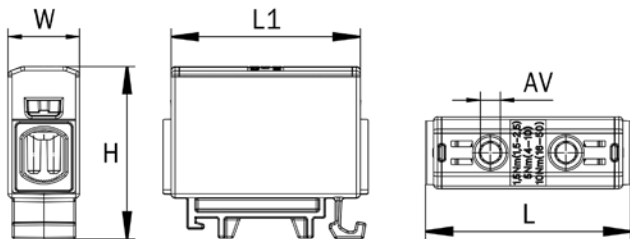
Vi anbefaler å velge en klasse A-klemme

Koblingsklemmer kan klassifiseres i to ulike klasser, A og B. Hvor kun klasse A-klemmer også er kortslutningstestet og har et mye bredere bruksområde. Klasse A- Koblingsklemmer er også sikrere og mer kostnadseffektive, da de ikke krever separate ultravikre sikringer, som ofte er kostbare både å anskaffe og installere. Vi anbefaler at du velger en klasse A-klemme for å sikre trygg bruk.

Ved tilkobling av aluminiumsleder må installasjonsveiledningen følges nøye

De anbefalte forberedelsene for aluminiumsledere er avrunding, påføring av fett og børsting. Fjern først isolasjonen og form kablen til en rund form. Deretter påføres fett på lederen, og fjern det oksiderte laget overflaten, for eksempel ved å børste med en stålbørste. Til slutt monteres lederen i klemmen, og trekkes til med en momentnøkkel.

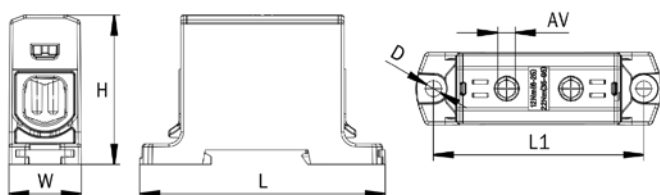
CE FI UL®



EL-nummer	Product code	Colour	Conductor (mm²)	Un (V)	In (A)	Un (V)	In (A)	Tightening torque	L (mm)	L1 (mm)	H (mm)	W (mm)	AV (mm)	Weight (g)	Package (pcs)
1256926	VC05-0010		1xAl/Cu 1,5-16	1000 V AC / 1500 V DC	82 (Cu) / 75 (Al)	1000 V	85 (Cu) / 65 (Al)	1,5 Nm (1,5 mm²), 3,5 Nm (2,5-6 mm²), 7 Nm (10-16 mm²)	46,8	42	39,7	13,5	4	17	66
1256925	VC05-0001														
1256947	VC05-0045														
	VC05-0140														
	VC05-0141														
1256967	VC05-0191		1xAl/Cu 2,5-35	1000 V AC / 1500 V DC	135 (Cu) / 120 (Al)	1000 V	115 (Cu) / 90 (Al)	3 Nm (2,5-16 mm²), 6 Nm (25-35 mm²)	47	45	40	16	4	27	54
1256968	VC05-0192														
1256969	VC05-0193														
	VC05-0245														
	VC05-0244														
1256929	VC05-0013		1xAl/Cu 1,5-50	1000 V AC / 1500 V DC	160 (Cu) / 145 (Al)	1000 V	150 (Cu) / 120 (Al)	1,5 Nm (1,5-2,5 mm²), 5 Nm (4-10 mm²), 10 Nm (16-50 mm²)	51,6	48	43	18	5	31	48
1256948	VC05-0046														
1256949	VC05-0047														
1256955	VC05-0142														
1256956	VC05-0143														

CE FI UL®

DIN-rail mounting with fast and easy ClickSet™ mounting mechanism.



EL-number	Product code	Colour	Conductor (mm²)	Un (V)	In (A)	Un (V)	In (A)	Tightening torque	L (mm)	L1 (mm)	H (mm)	W (mm)	AV (mm)	D (mm)	Weight (g)	Package (pcs)
1256931	VC05-0019		1xAl/Cu 6-95	1000 V AC / 1500 V DC	245 (Cu) / 220 (Al)	1000 V	230 (Cu) / 180 (Al)	12 Nm (6-25 mm²), 22 Nm (35-95mm²)	84	72	51	25	6	5,5	68	24
1256952	VC05-0050															
1256953	VC05-0051															
1256957	VC05-0144															
1256958	VC05-0145		1xAl/Cu 25-150	1000 V AC / 1500 V DC	320 (Cu) / 290 (Al)	1000 V	285 (Cu) / 240 (Al)	14 Nm (25-50 mm²), 35 Nm (70-150 mm²)	84	72	54	31	6	5,5	103	24
1256932	VC05-0028															
1256933	VC05-0029															
1256934	VC05-0030															
	VC05-0475		1xAl/Cu 35-240	1000 V AC / 1500 V DC	425 (Cu) / 380 (Al)	1000 V	380 (Cu) / 310 (Al)	26 Nm (35-120 mm²), 46 Nm (150-240 mm²)	106	94	65	37	8	5,5	194	24
	VC05-0476															
1256938	VC05-0034															
1256939	VC05-0035															
1256940	VC05-0036		1xAl/Cu 95-300	1000 V AC / 1500 V DC	490 (Cu) / 440 (Al)	-	-	30 Nm (95-150 mm²), 60 Nm (185-300 mm²)	122	110	71	44	8	5,5	195	3
	VC05-0477															
	VC05-0478															
	VC05-0213															
	VC05-0214		1xAl/Cu 95-300	1000 V AC / 1500 V DC	490 (Cu) / 440 (Al)	-	-	30 Nm (95-150 mm²), 60 Nm (185-300 mm²)	122	110	71	44	8	5,5	195	3
	VC05-0215															
	VC05-0493		1xAl/Cu 95-300	1000 V AC / 1500 V DC	490 (Cu) / 440 (Al)	-	-	30 Nm (95-150 mm²), 60 Nm (185-300 mm²)	122	110	71	44	8	5,5	195	3
	VC05-0494															

CE FI UL®

Technical drawings of the 1000 Series LED display showing front, side, and top views with dimensions W, H, L1, AV, and L.

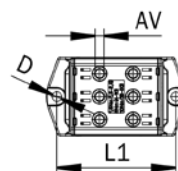
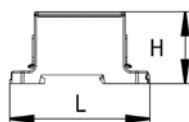
[illegible]

EL-number	Product code	Colour	Conductor (mm ²)	Un (V)	In (A)	Un (V)	In (A)	Tightening torque	L (mm)	L1 (mm)	H (mm)	W (mm)	AV (mm)	D (mm)	Weight (g)	Package (pcs)
1256944	VC05-0042		2xAl/Cu 6-95	1000 V AC / 1500 V DC	490 (Cu) / 220 (Al)	1000 V	2×230 (Cu) / 180 (Al)	12 Nm (6-25 mm2), 22 Nm (35-95mm²)	84	72	51	42	6	5,5	121	24
1256945	VC05-0043															
1256946	VC05-0044															
1256961	VC05-0148															
1256962	VC05-0149		2xAl/Cu 25-150	1000 V AC / 1500 V DC	640 (Cu) / 290 (Al)	1000 V	2×285 (Cu) / 250 (Al)	14 Nm (25-50 mm²), 30 Nm (70-150 mm²)	84	72	54	51	6	5,5	165	24
1256935	VC05-0031															
1256936	VC05-0032															
1256937	VC05-0033															
	VC05-0481															
	VC05-0482		2xAl/Cu 35-240	1000 V AC / 1500 V DC	850 (Cu) / 380 (Al)	1000 V	2×380 (Cu) / 310 (Al)	26 Nm (35-120 mm²), 40 Nm (150-240 mm²)	106	94	65	60	8	5,5	335	12
1256941	VC05-0037															
1256942	VC05-0038															
1256943	VC05-0039															
	VC05-0483															
	VC05-0484		NEW PRODUCTS													
	VC05-0542		2xAl/Cu 95-300	1000 V AC / 1500 V DC	980 (Cu) / 440 (Al)	-	-	30 Nm (95-150 mm²), 60 Nm (185-300 mm²)	122	110	77	69,7	8	5,5	623	3
	VC05-0543															
	VC05-0544															
	VC05-0545															
	VC05-0546															

3xAl/Cu 1,5–300 mm²



DIN-rail mounting or installation with screws. DIN-rail mounting with fast and easy ClickSet™ mounting mechanism.



EL-nummer	Product code	Colour	Conductor (mm ²)	Un (V)	In (A)	Un (V)	In (A)	Tightening torque	L (mm)	L1 (mm)	H (mm)	W (mm)	AV (mm)	Weight (g)	Package (pcs)
1256971	VC05-0233	Grey	3xAl/Cu 1,5-50	1000 V AC / 1500 V DC	320 (Cu) / 290 (Al)	1000 V	2×150 (Cu) / 120 (Al)	1,5 Nm (1,5–2,5 mm ²), 5 Nm (4–10 mm ²), 10 Nm (16–50 mm ²)	79,5	67,5	40,8	44,6	5	109	24
1256974	VC05-0236	Blue													
1256975	VC05-0237	Yellow													
	VC05-0485	Red													
	VC05-0486	Black													
1256972	VC05-0234	Grey	3xAl/Cu 6-95	1000 V AC / 1500 V DC	490 (Cu) / 440 (Al)	1000 V	2×230 (Cu) / 180 (Al)	12 Nm (6–25 mm ²), 22 Nm (35–95 mm ²)	83,8	72	51	58,5	6	178	12
1256976	VC05-0238	Blue													
1256977	VC05-0239	Yellow													
	VC05-0487	Red													
	VC05-0488	Black													
1256973	VC05-0235	Grey	3xAl/Cu 25-150	1000 V AC / 1500 V DC	640 (Cu) / 500 (Al)	1000 V	2×285 (Cu) / 250 (Al)	14 Nm (25–50 mm ²), 30 Nm (70–150 mm ²)	84	72	54	71,3	6	246	12
1256978	VC05-0240	Blue													
1256979	VC05-0241	Yellow													
	VC05-0489	Red													
	VC05-0490	Black													
1256984	VC05-0381	Grey	3xAl/Cu 95-300	1000 V AC / 1500 V DC	850 (Cu) / 630 (Al)	-	-	35 Nm (95–150 mm ²), 45 Nm (185–300 mm ²)	120	108	78	101	8	680	1
1256989	VC05-0392	Blue													
1256990	VC05-0393	Yellow													
	VC05-0491	Red													
	VC05-0492	Black													

OTL Multipole

EL-nummer	Product code	Product name	Colour	In (A)
1256927	VC05-0011	1X35 L1-L2-L3	Grey	3×135 (Cu) / 3×120 (Al)
1256928	VC05-0012	1X35 L1-L2-L3-N-PE	Grey	5×135 (Cu) / 5×120 (Al)
1256954	VC05-0054	1X50 L1-L2-L3	Grey	3×160 (Cu) / 3×145 (Al)



OTL Busbar

EL-nummer	Product code	Product name	Colour	Busbar	In (A)
1256986	VC05-0387	2X95	Grey	3×1×24	245 (Cu) / 220 (Al)
1256987	VC05-0390	2X95	Blue	3×1×24	245 (Cu) / 220 (Al)
1256988	VC05-0391	2X95	Yellow	3×1×24	245 (Cu) / 220 (Al)
1256985	VC05-0386	3X300	Grey	3×1×32-6×1×40	630 (Cu) / 630 (Al)
1256991	VC05-0394	3X300	Blue	3×1×32-6×1×40	630 (Cu) / 630 (Al)
1256992	VC05-0395	3X300	Yellow	3×1×32-6×1×40	630 (Cu) / 630 (Al)



kontram

+47 35 93 03 00
info@kontram.no

www.kontram.no