

Product data							
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	USA specific		
					I _{max Al}	I _{max Cu}	U _{max}
VC06-0019	Device connector 1xAl/Cu 6-50	100 A	160 A	690 V	-	-	-
VC06-0014	Device connector 1xAl/Cu 6-50 M	100 A	160 A	690 V	-	-	-
VC06-0036	Device connector 1xAl/Cu 6-50 MR	100 A	160 A	690 V	-	-	-
VC06-0037	Device connector 1xAl/Cu 6-50 ML	100 A	160 A	690 V	-	-	-
VC06-0038	Device connector 1xAl/Cu 6-50 R	100 A	160 A	690 V	-	-	-
VC06-0039	Device connector 1xAl/Cu 6-50 L	100 A	160 A	690 V	-	-	-

Installation

Type	Screw
<p>Device connector is a universal terminal series for connecting aluminium and copper conductors to equipment. Body is made of tin plated aluminium and housing is made of polyamide.</p> <p>Installation instructions made by the manufacturer of specific device must be applied during the installation.</p>	

Connection					
Screw 	Thread	M10	Tightening torque M	6-10 mm ²	6 Nm
		SW	5	16-50 mm ²	10 Nm
				-	-
				-	-
			Max. Wire cross section	50 mm ²	
				Stripping length L ₁	23 mm
				L ₂	5 mm

Installation

Can be used for both **copper- or aluminium conductors**. With the aluminium conductors, it's recommended to use anti-corrosion paste. (e.g. Penetrox).

It is allowed to use max. amount of three adjacent cross-sections in one space (Copper conductors). The nominal max. cross-section value must not be exceeded.

When using aluminium conductors, it is allowed to use only one conductor / space.

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

Cross-section of conductors and number of 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	Note! The specified amount of conductors refers only to industrially installed terminals.		
-	-	3	3	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
			-	-	-	-	-	-	-	-