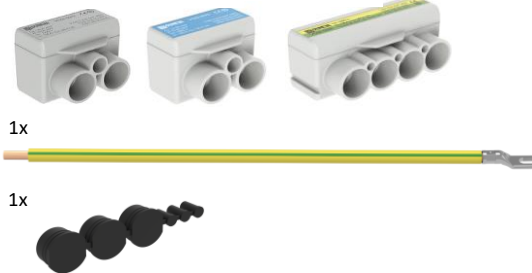
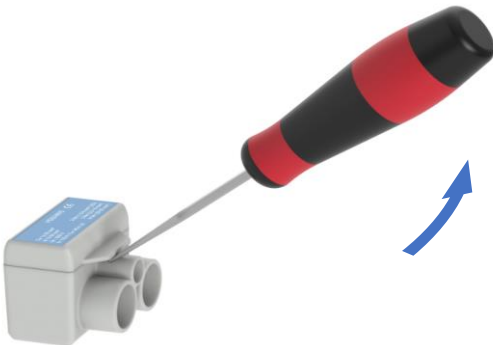
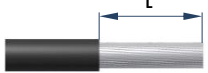
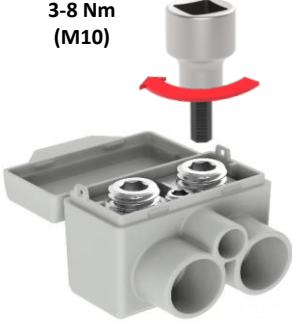


Product information							
Product code	Product name	I_n Al	I_n Cu	U_n			
VC02-0077	Pole branching connector kit 3L/N/PE	145	135	1000V			

Installation	
Type	On cable
3x 1x 1x 1x 1x   Open the housing with for example flat-bladed screwdriver Close with light press after connection 	

Connection							
Screw	Screw 1	M4	Tightening torque		Stripping length L	16 mm	
	Bit	Pozidriv	1,5-2,5 mm ² / M4 (VC02-0075 & VC02-0055)	1 Nm			
	Screw 2	M6	1,5-6 mm ² / M6 (VC02-0072)	2 Nm			
	SW	3	2,5-16 mm ² (M10)	3 Nm			
	Screw 3	M10	25-50 mm ² (M10)	8 Nm			
	SW	5					

Installation							
3-8 Nm (M10)  1 Nm (M4) LED input 2 Nm (M6) LED input  Connector can be used for both copper- or aluminium conductors. It's recommended to use anti-corrosion paste for aluminium conductors. (e.g. Penetrox). It is allowed to use max. three adjacent cross sectioned conductors per space (Copper conductors). The nominal max. cross section value must not be exceeded. It is allowed to install only one aluminium conductor per space. Using ferrule is recommended for fine-stranded conductors. Sector shaped conductors must be pre-rounded before installation. Support connector during tightening the screws.  Connectors should be installed with conductor inputs downwards							

Product data

Product code	VC02-0077	STK-code	1914289	EAN-code	6410019142891
Product name	Pole branching connector kit 2-pole 400 V TN			ETIM class	EC000897
Wires	Al 50 mm ² / Cu 35 mm ²				

Technical data

Nominal current (IEC)	Cu	135	A
	Al	145	A
Nominal voltage (IEC)		1000	V
		-	
		-	
		-	
		-	
Max. Cross section		50	mm ²
Tightening torque			
	1,5-2,5 mm ² (M4)	1	Nm
	1,5-6 mm ² (M6)	2	Nm
	2,5-16 mm ² (M10)	3	Nm
	1,5-6 mm ² (M6)	8	Nm
Max. Operating temperature		80	°C
Weight		250	g
		-	



Standards	EN 61238-1:2003 ; EN 60947-7-1:2009
Color / Material	Grey Housing RAL 7035/PA66, Tin plated Aluminium
Mounting / Connection	On cable

Description

Connector package includes 3 pieces of 2x50 grey LED connectors, 1 piece of 2x50 Blue LED connector, 1 piece of 4x50 Ye/Gr LED connector, 350 mm / 16 mm² grounding cable with PK 16-6H fork cable shoe and 1 piece of EPDM sealings.

Drawing

Package

Package	Box	Pcs / Package	20	Weight [kg]	6,00
Length [mm]	490	Width [mm]	290	Height [mm]	250

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