

CABLE CLEATS

For Rail Administration

VULCAN VRT

The maximum recommended distance between each bracket for two and three core is 70 cm, and 1.2 m for single cable. This is calculated from the "worst case" of high short-circuit performance and minimum cable diameter.

Vulcan cable cleats are made of steel grade 316 (stainless). The plastic material is of type LSF (Low Smoke & Fume) to limit the amount of smoke and gas from any fire.

If terminations, the last cleat should sit as close to the end seal as possible, maximum 70 cm from the lugs fixing.

Vulcan cable cleat has a liner (see table) which can be removed before or after fixing. The liner increases flexibility for cable diameters. Vulcan comes as standard with M10 x 25 mm fixing bolt and nut.

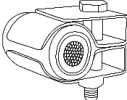
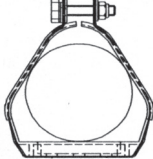
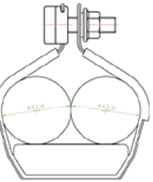
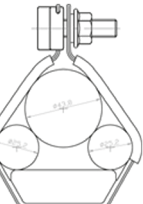
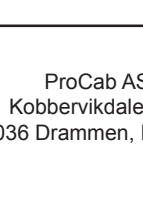
Alternative dimensions available on request.

PHOENIX FP

Phoenix FP is a cleat for cohesion and fireproof extension of single return line.

Phoenix cleat consists of stainless steel 316. Delivered without bolt. The bolt and connection occurs with the same screw, selected as needed.



(Returnline) 	For single core:			
	El.no	Type	For cable dia.	Cross section/Voltage
	13 184 23	1FP 13SS	1x19-23	1x240/37 1kV TX/IX
	13 184 24	1FP 14SS	1x23-27	1x240/19 1kV IX
	13 181 82	VRT 02	1x43-58	1x240 - 36 kV
	13 181 82	VRT 02	1x49-58	1x400 - 36 kV
	13 181 84	VRT 04	1x55-70	1x630-36 kV
	For double cable:			
	El.no	Type	For cable dia.	Cross section/Voltage
	13 181 44	VRT 00	2x21-26	2x240 - 1kV
	13 181 85	VRT 05	2x40-45	2x240 - 36 kV
	13 181 86	VRT 06 (U) U = without liner	2x46-51	2x400 - 36 kV
	13 181 88	VRT 08	2x58-62	2x630 - 36 kV
For single cable with return cables:				
	El.no	Type	For cable dia.	Cross section/Voltage
	13 181 84	VRT 04	1x42-46 + 2x24-28	1x240 - 36 kV 2x240 - 1 kV
	13 181 85	VRT 05	1x46-51 + 2x24-28	1x400 - 36 kV 2x240 - 1 kV
13 181 86	VRT 06	1x58-62 + 2x24-28	1x630 - 36kV 2x240 - 1 kV	