

HV-CONNEX Separable Connector 72,5kV

The following options are available but must be specified when ordering:

Low temperature

The standard components are designed for a temperature down to -25°C. A special low temperature grease is used for ambient conditions involving temperatures below -25°C.

Offshore

Components with corresponding material properties are used for offshore applications.

Insulated cable shield

For insulated networks and usage of a Link Box. A touch proof system and flexibility were the main approach.



Picture may vary.

Technical Data

Article no.		849 999 999 XXXXX
Max. system voltage	U_m (kV)	72,5
Size		4
Type designation		dry-type termination
Applied standard		IEC 60840:2011
Working place		outdoor and indoor offshore on request
Nominal voltage	U_n (kV)	60 - 69
Conductor residual voltage	(kV)	36
Rated power frequency withstand voltage	1 min (kV)	140
Rated lightning impulse withstand voltage (BIL)	(kV)	325
Heating cycles (AC voltage)	(kV)	72
Partial discharge test < 5pc at	(kV)	54
Rated power frequency withstand voltage (30 min.)	kV	90
Partial discharge test < 2pC at	(kV)	54
Nominal current	I_N (A)	2500
Rated short-time withstand current (3 s)	(kA)	50
Rated impulse current CALCULATED	(kA)	160
Conductor material		copper or aluminium
Diameter of conductor	\emptyset (mm)	9.3 - 55.9
Conductor cross section	(mm ²)	2000

Article no.		849 999 999 XXXXX
Cross section range ^{2) 3)}	(mm²)	95 - 2000
Connection method		Compression connection
Diameter over insulation ⁵⁾	Ø (mm)	33.0 - 75.0
Length outside the bushing	(mm)	580
Please note		<p>¹⁾ Individual article number determined according to actual cable dimensions (see form to determine HV cable terminal head).</p> <p>²⁾ depending on the cable that is used</p> <p>³⁾ Cross section is for reference only. Actual value is limited by min. / max. diameter over conductor and min. / max. diameter over insulation. (1 inch = 25.4 mm ; 1 square inch = 645.16 mm²)</p> <p>⁴⁾ Values are vor RM (round circular). RE (round solid) and RF (round superflexible stranded) upon request.</p> <p>⁵⁾ The total range is covered by different components.</p>

PROFORMA FATURADA YAZAN TAM MODEL İSMİ VE AÇIKLAMASI

849 999-999 02072

HV-CONNEX separable connector size 4
max. In=2500A, variant article
product has preferential origin status