

Coupling surge arrester

Class DH for separable connector type CTS

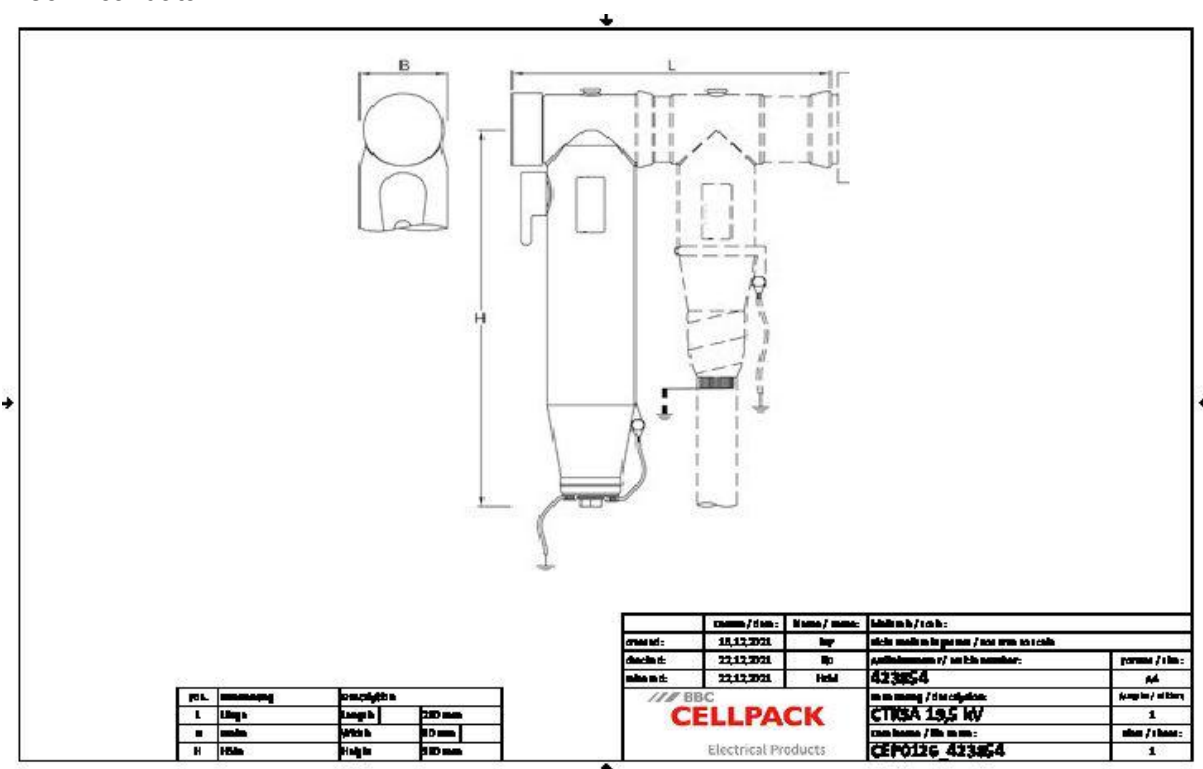
The Cellplux surge arrester CTKSA Class DH are designed to protect encapsulated medium voltage systems. The CTKSA coupling surge arresters are specifically designed for mounting on shielded, screw-type Cellpack cable connections and comply with the international standards IEC 60099-4 and IEC 60071.



Product description

Article name	CTKSA 19,5 kV
Article number	423854

Characteristics	Applications
With capacitive measuring point for voltage checking	Indoor
Individually tested	Outdoor
Outer semi-conductive layer made of semi-conductive EPDM provides protection from exposed electrical parts	
Quick, safe and easy assembly	



Article name	CTKSA 19,5 kV
Article number	423854
Rated discharge current, I _n	10 kA
High current impulse 4/10 μs	100 kA
Rated short-circuit current	20 kA
Repetitive charge transfer rating, Q _{rs}	0.5 C
Thermal charge transfer rating, Q _{th}	1.1 C
Rated voltage, U _r	24 kV
maximum continuous operating voltage, U _c	19.5 kV
Residual voltage (IEC 60099-4) with steep current impulse (1/T, T < 20 μs)	68 kV
Residual voltage (IEC 60099-4) with lightning impulse 8/20 μs 5 kA	59.6 kV
Residual voltage (IEC 60099-4) with lightning impulse 8/20 μs 10 kA	64.4 kV
Residual voltage (IEC 60099-4) with lightning impulse 8/20 μs 20 kA	70.4 kV
Length L	290 m
Width B	80 mm
Height H	380 mm
Temporary overvoltage before stress (0.1 sec)	1,227 x U _r
Temporary overvoltage before stress (1 sec)	1,166 x U _r
Temporary overvoltage before stress (10 sec)	1,109 x U _r
Temporary overvoltage before stress (100 sec)	1,050 x U _r
Temporary overvoltage before stress (1000 sec)	0,991 x U _r
Temporary overvoltage after stress (0.1 sec)	1,175 x U _r
Temporary overvoltage after stress (1 sec)	1,103 x U _r
Temporary overvoltage after stress (10 sec)	1,047 x U _r
Temporary overvoltage after stress (100 sec)	0,985 x U _r
Temporary overvoltage before stress (1000 sec)	0,929 x U _r
Temporary overvoltage (associated standard)	IEC 60099-4

Logistics data

Article name	CTKSA 19,5 kV
Article number	423854
Delivery scope	Set of 3 surge arresters
	Assembly material
	Assembly instructions
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	85479000
EAN/GTIN	4010311193205

Packaging data

Alternative unit of measure	Carton	Pal. OW
Base quantity	1	24
Base unit of measure	Piece	Piece
Lenght (mm)	680	1200
Width (mm)	385	800
Height (mm)	115	1130
Net weight (kg)	14.807	355.368
Gross weight (kg)	14.807	373.568