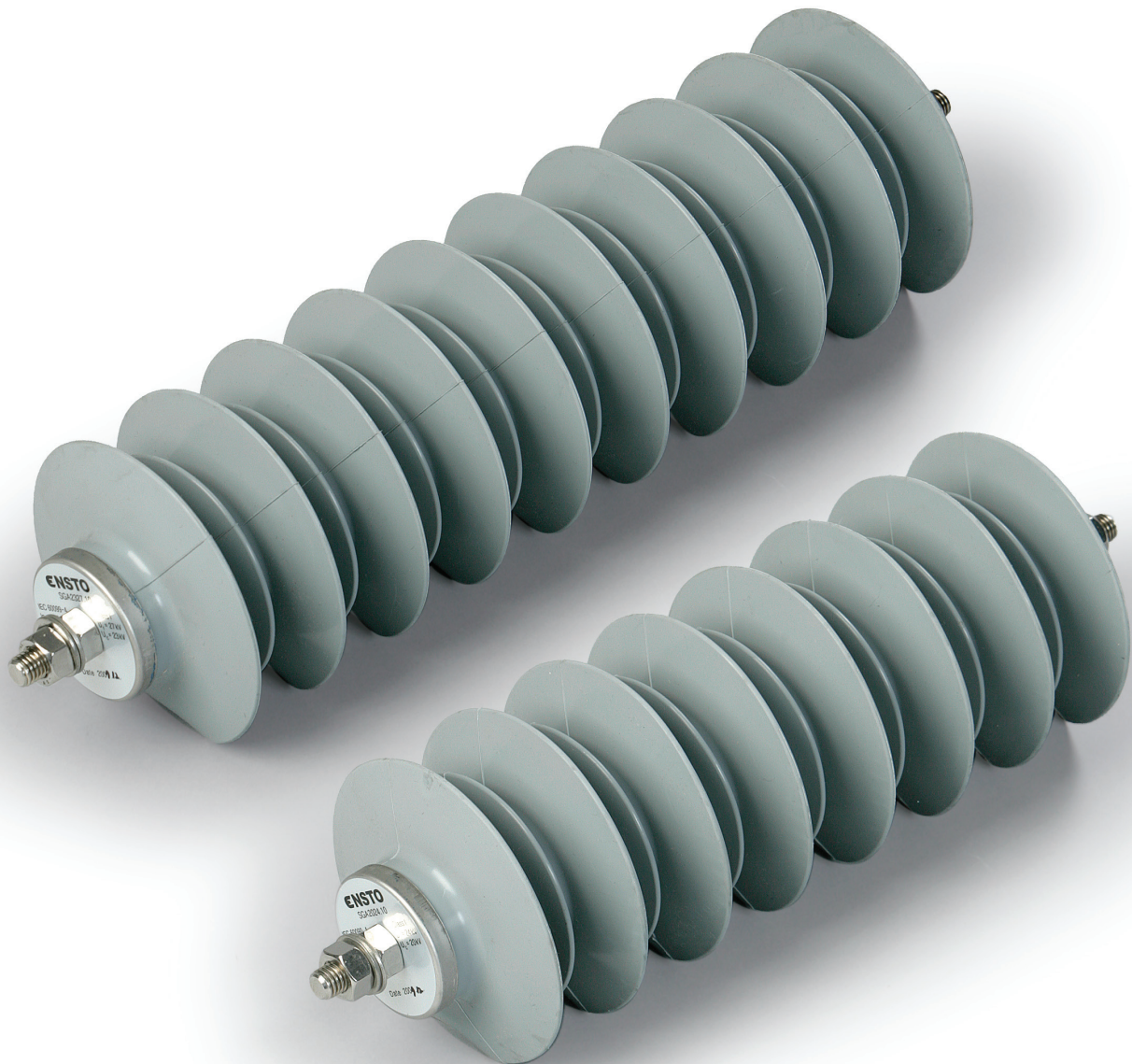




Saves Your Energy

SGA2024.10, SGA2327.10 and SGA1518.10 surge arresters

Ensto Overhead



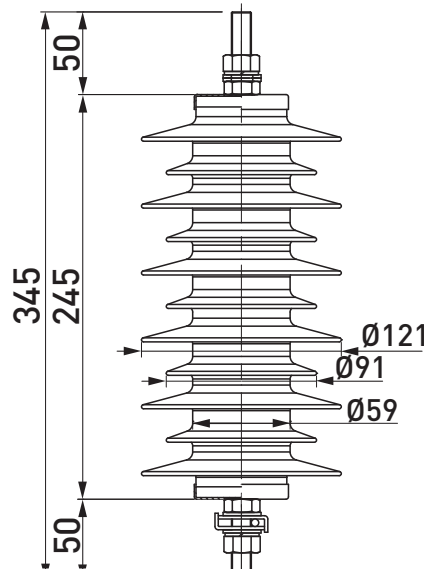
SGA2024.10, SGA2327.10 and SGA1518.10

Surge arresters

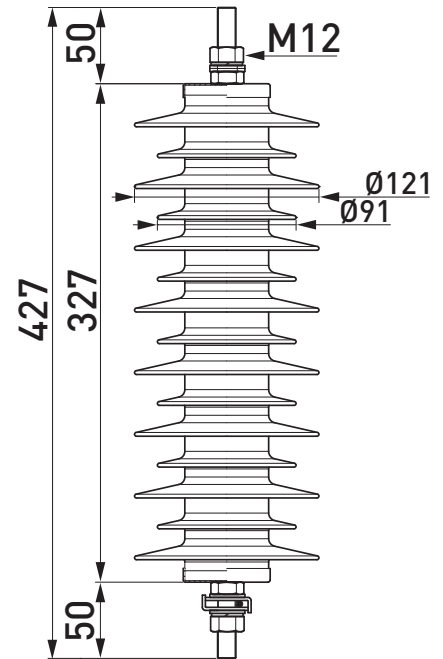
Ensto's surge arresters complete our reliable product solutions designed for fault free distribution of electricity. The surge arresters have been developed to endure the vast temperature variations that are common in the Nordic countries. The SGA surge arresters have been designed and type tested according to IEC60099-4:2004 standard. Furthermore, Ensto has had additional tests made in Finland to ensure that the arresters fit the challenging Nordic conditions.

SGA2024.10 and SGA2327.10 should be installed parallel (between the line and earth) to the transformer or cable terminations, or other objects that require protection.

SGA1518.10 is a spare part for current limiting devices in 20 kV networks. It is not recommended to be used in star-point isolated or compensated 20 kV networks alone without an external spark gap.



SGA1518.10



SGA2024.10 & SGA2327.10

	SGA2024.10		SGA2327.10		SGA1518.10	
Continuous operating voltage U_c , kV	20		23		15	
Rated voltage U_r , kV	24		27		18	
Temporary overvoltage TOV kV	1 s	10 s	1 s	10 s	1 s	10 s
	27	25	30	29	20	19
Nominal current I_n , kA	10		10		10	
Residual voltage with 8/20 μ s current impulse, kV	5 kA	10 kA	5 kA	10 kA	5 kA	10 kA
	72.6	79.1	81.7	88.9	54.4	59.3
Residual voltage at 30/75 μ s switching impulse current, kV	500 A	250 A	500 A	250 A	500 A	
	250 A	54.2	55.9	61.0	62.9	40.7 41.9
Energy handling capacity and discharge class, kJ/kVUr	2.8 Class1 (IEC 60099-4)		2.8 Class1 (IEC 60099-4)		2.8 Class1 (IEC 60099-4)	
Power frequency voltage withstand level of housing, kV	dry	wet	dry	wet	dry	wet
	78	70	78	70	59	52
Impulse voltage withstand level of housing	103		103		77	
Creepage distance, mm	884		884		680	
Length H, mm	427		427		345	
Weight, kg	3.8		3.6		2.7	
EAN	6418677453472		6418677453489		6418677459122	
Package	1		1		1	



Saves Your Energy

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