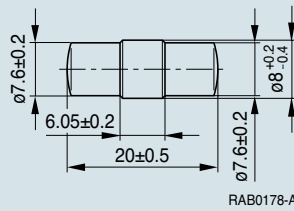


# 2-Electrode Arresters 2-Elektroden-Ableiter

Heavy-duty types  
20 kA / 20 A • Ø 8 x 20 mm

A83-...



Type	A83-C90X	A83-A150X	A83-A170X	A83-A230X	A83-A350X	A83-A600X	
Ordering code	B88069X1450C102	B88069X4350C102	B88069X4360C102	B88069X1420C102	B88069X2860C102	B88069X2890C102	
Nom. DC spark-over voltage $V_{sdCN}$	90	150	170	230	350	600	V
Tolerance of $V_{sdCN}$	±20	±20	±20	±20	±20	±20	%
Impulse spark-over voltage							
@ 100 V/μs 99% of measured values	< 500	< 600	< 650	< 550	< 700	< 1100	V
@ 100 V/μs typical values	< 450	< 450	< 500	< 450	< 650	< 950	V
@ 1 kV/μs 99% of measured values	< 600	< 800	< 800	< 700	< 800	< 1400	V
@ 1 kV/μs typical values	< 550	< 600	< 600	< 550	< 700	< 1100	V
Nom. alternating discharge current @ 50 Hz, 1 s	20	20	20	20	20	20	A
Alternating discharge current @ 50 Hz, 9 cycles	100	100	100	100	100	100	A
Nom. impulse discharge current 10 operations 8/20 μs	20	20	20	20	20	20	kA
Single impulse discharge current 1 operation 8/20 μs	25	25	25	25	25	25	kA
Impulse discharge current 1 operation 10/350 μs	2.5	2.5	2.5	2.5	2.5	2.5	kA
Insulation resistance	> 10	> 10	> 10	> 10	> 10	> 10	GΩ
Capacitance @ 1 MHz	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	pF

About packing see page 65.