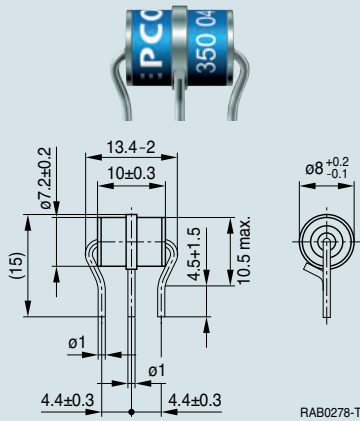


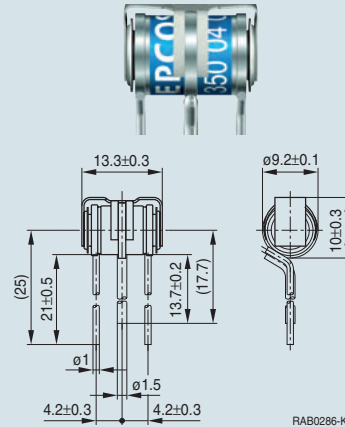
# 3-Electrode Arresters 3-Elektroden-Ableiter

## Types conforming to US specifications

**T23-C350XS**



**T53-C350XF**



Type	T23-C350XS <sup>1)</sup>		Type	T53-C350XF <sup>2)</sup>	
Ordering code	B88069X8160B502		Ordering code	on request	
Nom. DC spark-over voltage $V_{sdCN}$	350	V	Nom. DC spark-over voltage $V_{sdCN}$	350	V
DC spark-over voltage	300 ... 500	V	DC spark-over voltage	265 ... 600	V
Impulse spark-over voltage			Impulse spark-over voltage		
@ 100 V/ $\mu$ s 99% of measured values	< 650	V	@ 100 V/ $\mu$ s 99% of measured values	< 1000	V
@ 100 V/ $\mu$ s typical values	< 550	V	@ 100 V/ $\mu$ s typical values	< 700	V
@ 1 kV/ $\mu$ s 99% of measured values	< 800	V	@ 1 kV/ $\mu$ s 99% of measured values	< 1000	V
@ 1 kV/ $\mu$ s typical values	< 750	V	@ 1 kV/ $\mu$ s typical values	< 800	V
Nom. alternating discharge current @ 50 Hz, 1 s	10	A	Service life		
Alternating discharge current @ 50 Hz, 9 cycles	130	A	1500 operations	20	A
Nom. impulse discharge current	20	kA	10/1000 $\mu$ s		
10 operations 8/20 $\mu$ s			100 operations	200	A
Single impulse discharge current, 1 op. 8/20 $\mu$ s	25	kA	10/1000 $\mu$ s		
Service life	1000	A	50 operations	600	A
400 operations			10/1000 $\mu$ s		
10/1000 $\mu$ s			5 operations	4	kA
DC hold-over voltage @ 150 V / 200 mA	< 150	ms	10/250 $\mu$ s		
Insulation resistance	> 10	G $\Omega$	5 operations @ 50 Hz, 1 s	20	ARMS
Capacitance @ 1 MHz	< 1.5	pF	60 operations @ 50 Hz, 1 s	2	ARMS
			1 operation @ 50 Hz, 30 s	1	ARMS
			Impulse reset		
			@ 52.5 V / 260 mA	< 150	ms
			@ 135 V / 200 mA	< 150	ms
			Insulation resistance	> 100	M $\Omega$
			Capacitance @ 1 MHz	< 3	pF

1) Designed for RUS PE-80 Heavy Duty

2) Designed for Telcordia GR1361/GR974-CORE

Currents through center electrode, half value through each line electrode.

About packing see page 65.