

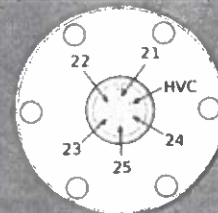
TM3

with VC#44 @ SHC after operation

TM2/3/4 FEBIAD with Target and No External Connections

	Ohm Meter Check				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)	OL	OL	OL	OL	OL
	Infinite	Infinite	Infinite	Infinite	Infinite
Flange B Pin 2-2	OL		OL	OL	
	Infinite	Infinite	Infinite	Infinite	Infinite
60kV Common (T)	208 k Ω	OL			
	Infinite	Infinite			
Chassis	OL	OL	OL		
	Infinite	Infinite	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

	Megger Check (all @ 500V unless otherwise noted)				
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Flange B Pin 2-2	OL		OL	OL	OL
	@250V	Infinite	@250V	Infinite	Infinite
60kV Common (T)	11.0 k	OL			
	@250V under vacuum only	Infinite			
Chassis	OL	OL	OL		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				



Conductance Check [m Ω]						
A - B	A - C	A - D	B - C	B - D	C - D	Q - U
4.932	5.139	4.556	5.095	4.513	4.677	6.536
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	4 - 5
Backg. leak rate:		HS leak rate:				
[atm-cc/s]		< 5E-9			[atm-cc/s] < Backg. leak rate	

Target: VC#44	Date: Jun-14-2024
Location: SHC CS HCpost	Signature: