

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

Ohm Meter Check					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)					
Anode (H)					
60kV Common (T)	OL	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)
Anode (H)					
60kV Common (T)					
60kV Common (T)	74.5M	OL			
	@250V under vacuum only	Infinite			
Chassis	317M	OL	308M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
EE (I)	136M	OL	115.4M	322M	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Conductance Check [mΩ]					
A - B	A - C	A - D	B - C	B - D	C - D
5.264	6.112	5.060	5.983	4.772	5.393
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5

Backg. leak rate:		HS leak rate:	
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target:	Ta#65	Date:	Nov-07-2023
Location:	SHC CS HCpost	Signature:	

