

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

TM4

Ohm Meter Check					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Magnet Coil (U, Q)	[Shaded]				
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				

Pins 12, 13, 14 are shorts to 60kV
The rest pins are OL to 60kV

Megger Check (all @ 500V unless otherwise noted)					
	Target (ABCD)	Einzel Lens (Y)	60kV Com (T)	Chassis	EE (I)
Anode (H)	[Shaded]				
60kV Common (T)					
Chassis	207M @250V under vacuum only	OL			
	941M Infinite @ 1000V	OL Infinite @ 1000V	876M Infinite		
EE (I)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	
Einzel Lens (Y)	OL				
	Infinite				

Conductance Check (mΩ)						
A - B	A - C	A - D	B - C	B - D	C - D	
6.547	6.816	6.244	5.816	6.039	6.396	
4 - 5.7	5 - 6.8	4 - 5.3	5 - 6.8	4 - 5.3	4 - 5.5	

Backg. leak rate:	0.0 x 10 ⁻⁹	HS leak rate:	0.0 x 10 ⁻⁹
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target:	TIC #9 Surface	Date:	2024-09-09
Location:	(SHC) CS HCpost	Signature:	[Signature]