

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

TM2 with Ta#66

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				
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	9.56M	OL			
	@250V under vacuum only	Infinite			
EE (I)	584M	OL	590M		
	Infinite @ 1000V	Infinite @ 1000V	Infinite		
Einzel Lens (Y)	OL	OL	OL	OL	
	Infinite	Infinite	Infinite	Infinite	

Pin 1-4 to Pin 1-5
0

Pin 4 to 60kV
OL

Pin 1-5 to 60kV
OL

other pins to 60kV
0

Conductance Check [mΩ]						
A-B	A-C	A-D	B-C	B-D	C-D	
8.914	7.228	8.863	8.464	7.612	5.880	
4-5.7	5-6.8	4-5.3	5-6.8	4-5.3	4-5.5	

Backg. leak rate: [atm-cc/s]	0.0×10^{-9} < 5E-9	HS leak rate: [atm-cc/s]	0.0×10^{-9} < Backg. leak rate
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Target: Ta #66	Date: 2023-10-03
Location: SHC CS HCpost	Signature: [Signature]

[Handwritten mark]