

TM2/3/4 SIS with Target and No External Connections **UCA 42**

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)					
Chassis	439k	OL			
	@250V under vacuum only	Infinite			
Chassis	605 <del>455</del> M	OL	425M		
	Infinite @ 1000V	Infinite @ 1000V	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	
5.965	6.493	5.542	5.991	5.040	5.494	
4-5.7	5-6.8	4-5.3	5-6.8	4-5.3	4-5.5	

Backg. leak rate:	5.0 x 10 <sup>-9</sup>	HS leak rate:	5.0 x 10 <sup>-9</sup>
[atm-cc/s]	< 5E-9	[atm-cc/s]	< Backg. leak rate

Target:	OL # 42	Date:	2023-07-18
Location:	HC CS HCpost	Signature:	<i>W. ...</i>

PQ To RV @ 250V 562M  
PQ To 60kV @ 250V 542M

2V To 60kV short

*[Handwritten signature]*