

CT Test Report

Template: CT Test Report  
Version: 1.40 SR2



Site name:		Substation Sample 1		Date:		#REF!	
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
1. Polarity:		#REF!		#REF!		#REF!	
2. Ratio + Accuracy		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
3. Angle [°]		#REF!		#REF!		#REF!	
4. Burden [VA/cosφ]		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
5. Rs CT [Ohm]		#REF!		#REF!		#REF!	
6. Knee Point [V/mA]		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
7. Excit. Curve No. 1		#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
2	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
3	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
4	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
5	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
6	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
7	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
8	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
9	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
10	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
11	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
12	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
13	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
14	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
15	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
16	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
17	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
18	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
19	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
20	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
21	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
22	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
23	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
24	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
25	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
26	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
27	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
28	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
29	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
30	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
31	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
32	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
33	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
34	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
35	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
36	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
37	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

Excitation Curve Phase A

Excitation Curve Phase B

Excitation Curve Phase C

OverView:						
Device:	EN971D (V1)					
Test Cards Overview:						
Test Card	Type	Date/Time	Results	Assessment	Overload	Filepath
No Data	No Data	No Data	No Data	No Data	No Data	No Data
Nameplate	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
A Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio A-1	CTRatio	6/12/2023 10:07	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio A-2	CTRatio	6/12/2023 7:30	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio A-3	CTRatio	6/12/2023 7:34	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio A-4	CTRatio	6/12/2023 7:36	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio A-5	CTRatio	6/12/2023 10:05	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding A-1	RWinding	6/12/2023 10:29	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding A-2	RWinding	6/12/2023 10:31	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding A-3	RWinding	6/12/2023 10:33	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding A-4	RWinding	6/12/2023 10:36	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding A-5	RWinding	6/12/2023 10:39	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation A-1	CTExcitation	6/12/2023 11:58	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation A-2	CTExcitation	6/12/2023 12:06	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation A-3	CTExcitation	6/12/2023 12:18	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation A-4	CTExcitation	6/12/2023 12:21	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation A-5	CTExcitation	6/12/2023 12:23	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
B1 Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio B1-1	CTRatio	6/12/2023 10:13	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio B1-2	CTRatio	6/12/2023 10:13	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding B1-1	RWinding	6/12/2023 10:21	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding B1-2	RWinding	6/12/2023 10:22	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation B1-1	CTExcitation	6/12/2023 11:40	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation B1-2	CTExcitation	6/12/2023 11:43	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
B2 Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio B2-1	CTRatio	6/12/2023 7:47	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio B2-2	CTRatio	6/12/2023 7:48	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding B2-1	RWinding	6/12/2023 10:24	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding B2-2	RWinding	6/12/2023 10:27	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation B2-1	CTExcitation	6/12/2023 11:48	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation B2-1	CTExcitation	6/12/2023 11:51	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
2a Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 2a-1	CTRatio	6/12/2023 8:00	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 2a-2	CTRatio	6/12/2023 8:04	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 2a-3	CTRatio	6/12/2023 8:05	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 2a-4	CTRatio	6/12/2023 8:06	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 2a-5	CTRatio	6/12/2023 9:52	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 2a-1	RWinding	6/12/2023 10:54	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 2a-2	RWinding	6/12/2023 10:56	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 2a-3	RWinding	6/12/2023 10:59	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 2a-4	RWinding	6/12/2023 11:01	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 2a-5	RWinding	6/12/2023 11:05	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 2a-1	CTExcitation	6/12/2023 11:17	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 2a-2	CTExcitation	6/12/2023 11:21	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 2a-3	CTExcitation	6/12/2023 11:25	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 2a-4	CTExcitation	6/12/2023 11:29	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 2a-5	CTExcitation	6/12/2023 11:33	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
3a Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3a-1	CTRatio	6/9/2023 6:21	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3a-2	CTRatio	6/9/2023 6:22	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3a-3	CTRatio	6/9/2023 6:23	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3a-4	CTRatio	6/9/2023 6:24	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3a-1	RWinding	6/9/2023 6:40	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3a-2	RWinding	6/9/2023 6:43	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3a-3	RWinding	6/9/2023 6:45	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3a-4	RWinding	6/9/2023 6:47	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3a-1	CTExcitation	6/9/2023 7:00	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3a-2	CTExcitation	6/9/2023 7:03	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3a-3	CTExcitation	6/9/2023 7:06	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3a-4	CTExcitation	6/9/2023 7:08	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
3b Bushing	Comment	6/7/2023 11:27	NO	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3b-1	CTRatio	6/9/2023 6:32	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3b-2	CTRatio	6/9/2023 6:33	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Ratio 3b-3	CTRatio	6/9/2023 6:34	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3b-1	RWinding	6/9/2023 6:50	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3b-2	RWinding	6/9/2023 6:51	YES	n/a	YES	C:\Users\DC0134\Desktop\8721147.xml
RWinding 3b-3	RWinding	6/9/2023 6:54	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3b-1	CTExcitation	6/9/2023 7:13	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3b-2	CTExcitation	6/9/2023 7:20	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml
Excitation 3b-3	CTExcitation	6/9/2023 7:26	YES	n/a	NO	C:\Users\DC0134\Desktop\8721147.xml

<b>Comment:</b>	Nameplate
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
Transformer 8721147 TB2.TA.TB1.L2  A Bushing CT S/N D190900496-10/1  B1 Bushing CT S/N D190900496-20/1  B2 Bushing CT S/N D190900496-20/2  2a Bushing CT S/N D190900496-50/1  3a Bushing CT S/N D190900496-30/1  3b Bushing CT S/N D190900496-40/1	

<b>Comment:</b>	A Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
A Bushing CT S/N D190900496-10/1  1s1-1s2 1500:1 5VA Class: TPY  2s1-2s2 1500:1 5VA Class: TPY  3s1-3s2 1500:1 10VA Class: 0.2  4s1-4s2 1500:1 10VA Class: 0.2  5s1-5s2 1033:1.5 10VA Class: 5	

<b>CTRatio:</b>	Ratio A-1		
<b>Date/Time:</b>	6/12/2023 10:07		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.96A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.20013A	<b>I sec Phase:</b>	-0.05°
<b>Ratio:</b>	1500.0A:	1.0008A	0.08%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio A-2		
<b>Date/Time:</b>	6/12/2023 7:30		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.91A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19969A	<b>I sec Phase:</b>	0.06°
<b>Ratio:</b>	1500.0A:	0.9987A	-0.13%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio A-3		
<b>Date/Time:</b>	6/12/2023 7:34		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19981A	<b>I sec Phase:</b>	-0.07°
<b>Ratio:</b>	1500.0A:	0.9992A	-0.08%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio A-4		
<b>Date/Time:</b>	6/12/2023 7:36		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.46A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19961A	<b>I sec Phase:</b>	-0.08°
<b>Ratio:</b>	1500.0A:	0.9998A	-0.02%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		



<b>CTRatio:</b>	Ratio A-5		
<b>Date/Time:</b>	6/12/2023 10:05		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1033.0A		
<b>I sec.:</b>	1.5A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	206.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	205.93A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.29908A	<b>I sec Phase:</b>	0.2°
<b>Ratio:</b>	1033.0A:	1.5003A	0.02%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>RWinding:</b>	RWinding A-1
<b>Date/Time:</b>	6/12/2023 10:29
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.99993A
<b>V DC:</b>	2.970231V
<b>R meas:</b>	2.97043793Ω
<b>Deviation:</b>	0.03%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.34849367Ω

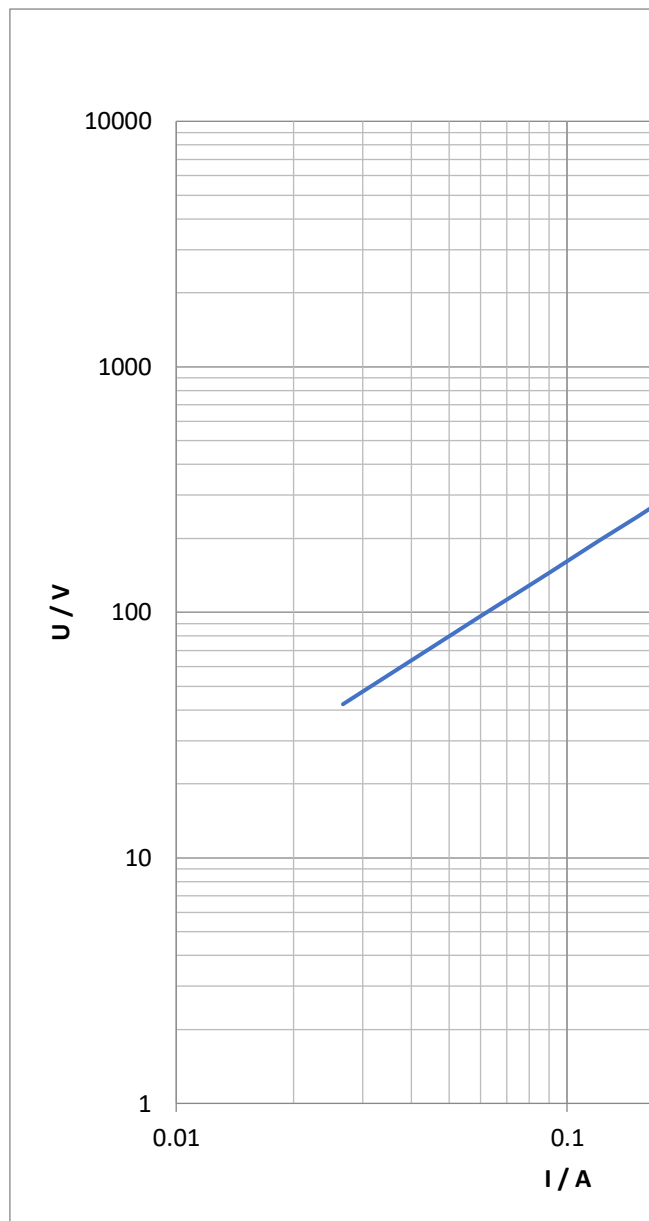
<b>RWinding:</b>	RWinding A-2
<b>Date/Time:</b>	6/12/2023 10:31
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.99997A
<b>V DC:</b>	2.965076V
<b>R meas:</b>	2.96516395Ω
<b>Deviation:</b>	0.02%
<b>Time:</b>	26.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.34254845Ω

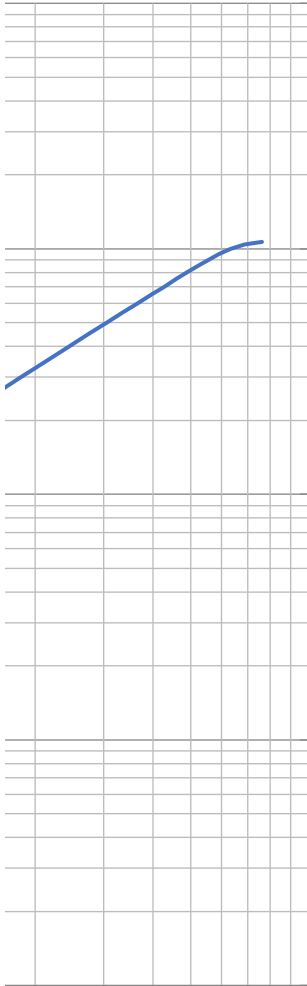
<b>RWinding:</b>	RWinding A-3
<b>Date/Time:</b>	6/12/2023 10:33
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.94559A
<b>V DC:</b>	5.888422V
<b>R meas:</b>	6.22724437 $\Omega$
<b>Deviation:</b>	0.01%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	7.01980274 $\Omega$

<b>RWinding:</b>	RWinding A-4
<b>Date/Time:</b>	6/12/2023 10:36
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.95093A
<b>V DC:</b>	5.780666V
<b>R meas:</b>	6.07895954Ω
<b>Deviation:</b>	0.01%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	6.8526453Ω

<b>RWinding:</b>	RWinding A-5
<b>Date/Time:</b>	6/12/2023 10:39
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	1.00001A
<b>V DC:</b>	2.848356V
<b>R meas:</b>	2.84832652 $\Omega$
<b>Deviation:</b>	0.0%
<b>Time:</b>	27.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.2108408 $\Omega$

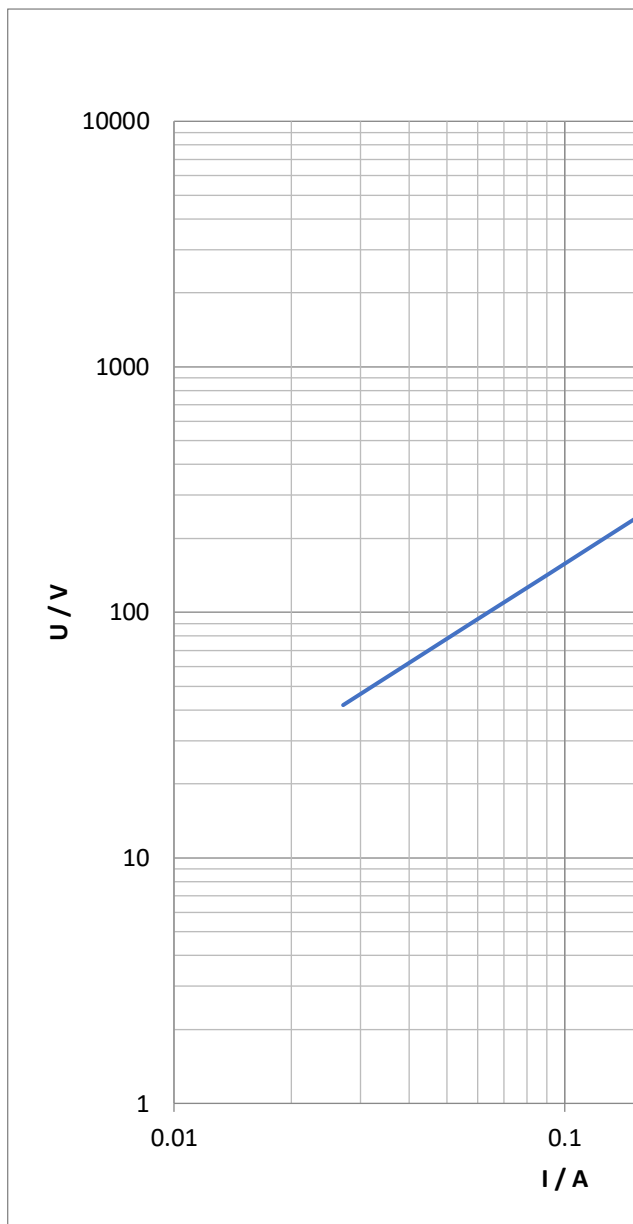
<b>CTExcitation:</b>	Excitation A-1
<b>Date/Time:</b>	6/12/2023 11:58
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1110.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1067.03V	0.761163A
1041.96V	0.686517A
1000.47V	0.631666A
952.72V	0.591186A
903.54V	0.555883A
853.58V	0.522638A
803.49V	0.490542A
753.01V	0.459021A
702.52V	0.427866A
651.89V	0.396956A
601.18V	0.366125A
550.45V	0.335423A
499.72V	0.304739A
448.94V	0.27412A
398.11V	0.243375A
347.3V	0.212719A
296.36V	0.181914A
245.58V	0.151161A
194.62V	0.120183A
143.95V	0.089319A
92.98V	0.05796A
42.25V	0.026704A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0

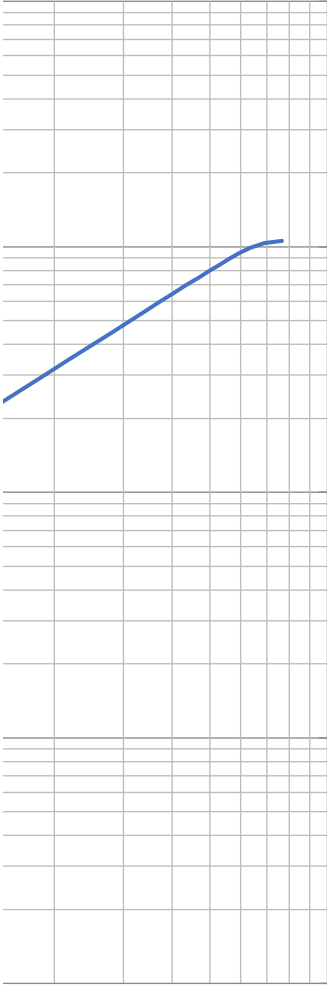




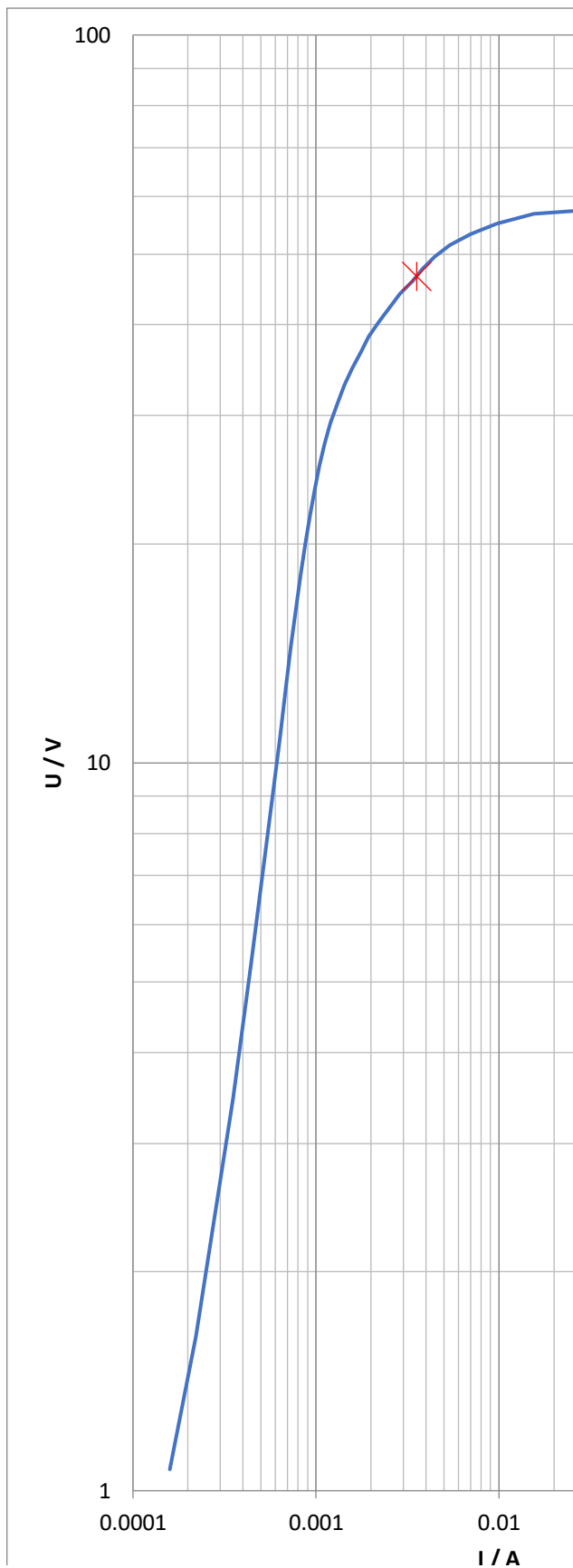


<b>CTExcitation:</b>	Excitation A-2
<b>Date/Time:</b>	6/12/2023 12:06
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1100.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1057.32V	0.764796A
1033.12V	0.690257A
992.26V	0.635812A
944.89V	0.596019A
896.08V	0.561162A
846.27V	0.528176A
796.56V	0.4962A
746.48V	0.464645A
696.5V	0.433415A
646.16V	0.402252A
595.99V	0.371159A
545.61V	0.34013A
495.33V	0.309112A
444.91V	0.278085A
394.69V	0.246984A
344.2V	0.215883A
293.89V	0.184664A
243.39V	0.153432A
193.0V	0.122029A
142.65V	0.090674A
92.24V	0.058842A
41.9V	0.027107A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0

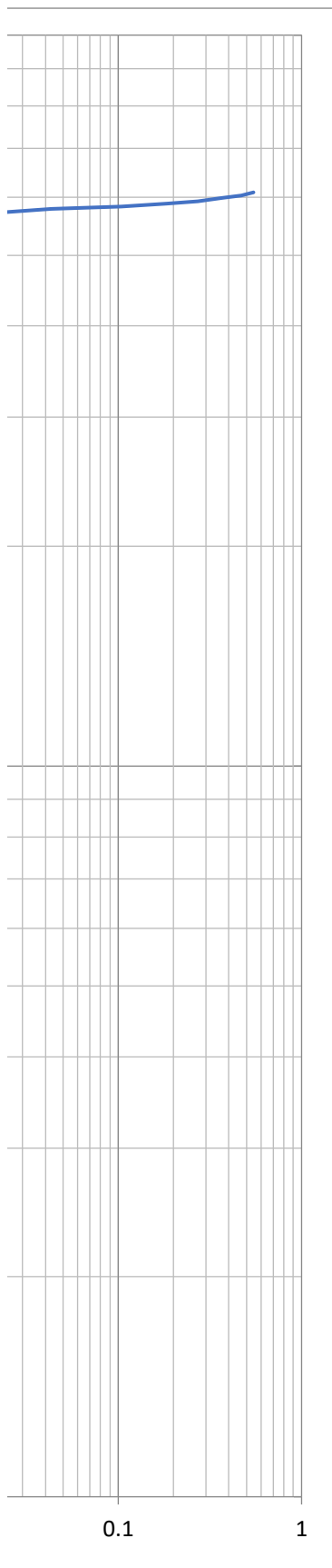




<b>CTExcitation:</b>	Excitation A-3
<b>Date/Time:</b>	6/12/2023 12:18
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	70.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
60.93V	0.54657A
60.33V	0.468299A
59.87V	0.371442A
59.26V	0.272333A
58.77V	0.183374A
58.29V	0.103433A
57.87V	0.043288A
56.78V	0.015561A
55.06V	0.009762A
53.26V	0.007007A
51.44V	0.005406A
49.6V	0.004448A
47.76V	0.003822A
45.91V	0.003388A
44.08V	0.002882A
42.23V	0.002525A
40.38V	0.002222A
38.54V	0.001942A
36.69V	0.001767A
34.85V	0.001582A
32.99V	0.001428A
31.14V	0.001306A
29.3V	0.0012A
27.44V	0.001117A
25.6V	0.001045A
23.75V	0.000982A
21.91V	0.000928A
20.06V	0.000879A
18.21V	0.00083A
16.37V	0.000781A
14.51V	0.000733A
12.67V	0.000686A
10.81V	0.000635A
8.97V	0.000577A
7.13V	0.000515A
5.28V	0.000442A
3.45V	0.000353A
1.63V	0.000221A
1.07V	0.000159A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	46.63V
<b>I knee:</b>	0.003552A

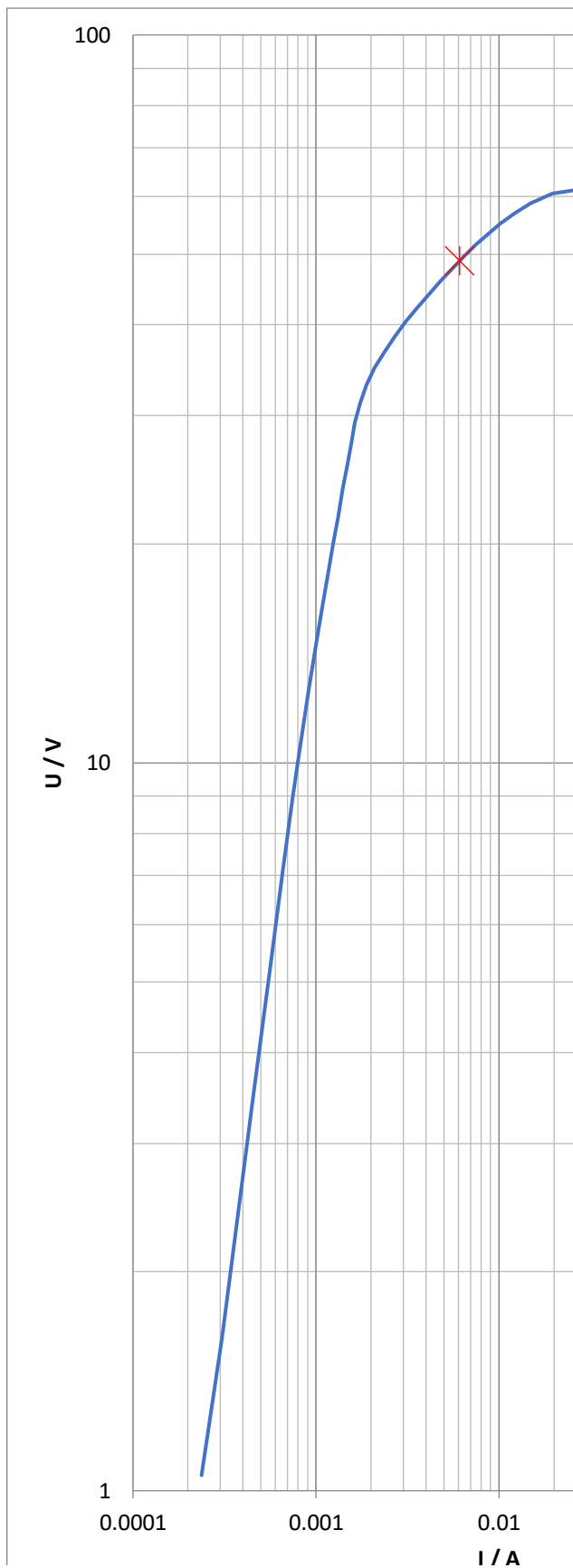






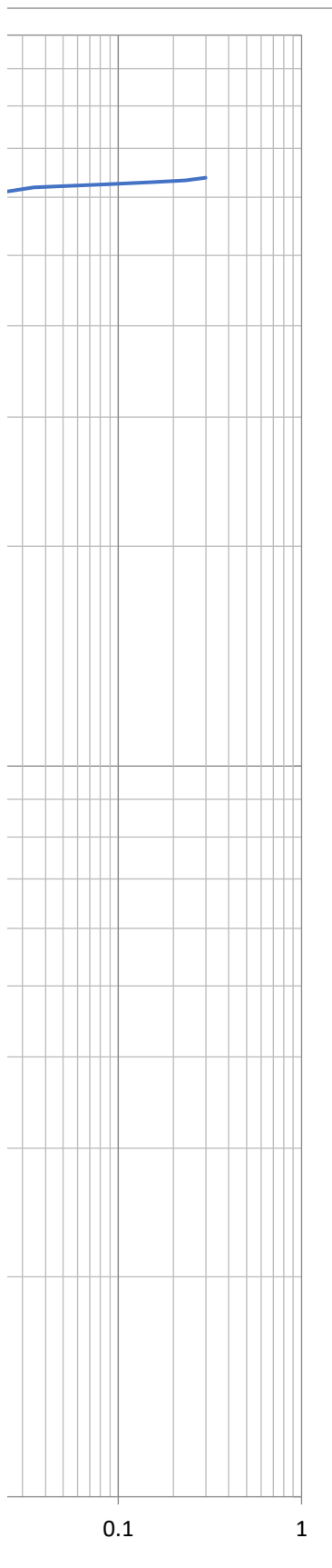


<b>CTExcitation:</b>	Excitation A-4
<b>Date/Time:</b>	6/12/2023 12:21
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	70.0V
<b>I max:</b>	1.6A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
63.8V	0.299283A
63.33V	0.233027A
62.96V	0.154434A
62.47V	0.082604A
61.94V	0.034682A
60.5V	0.019625A
58.74V	0.014898A
56.93V	0.012175A
55.1V	0.010212A
53.27V	0.008704A
51.43V	0.007457A
49.6V	0.00642A
47.74V	0.005556A
45.9V	0.0048A
44.06V	0.004155A
42.22V	0.003582A
40.37V	0.003096A
38.53V	0.002691A
36.68V	0.002368A
34.85V	0.002095A
32.99V	0.00189A
31.14V	0.001737A
29.3V	0.001634A
27.45V	0.001557A
25.59V	0.00148A
23.75V	0.001404A
21.91V	0.001327A
20.07V	0.001248A
18.21V	0.001165A
16.36V	0.001081A
14.51V	0.000999A
12.67V	0.000916A
10.82V	0.000834A
8.97V	0.000748A
7.12V	0.000661A
5.29V	0.000564A
3.44V	0.000453A
1.62V	0.000306A
1.05V	0.000237A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	48.98V
<b>I knee:</b>	0.006123A



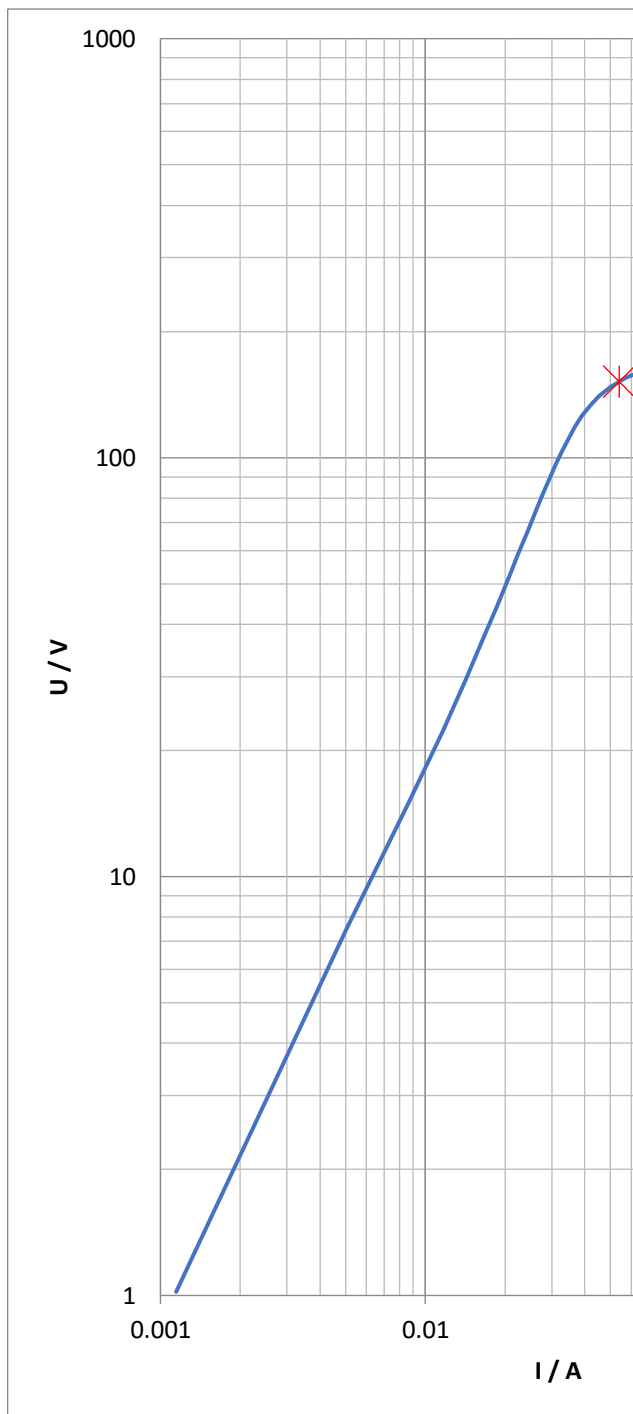


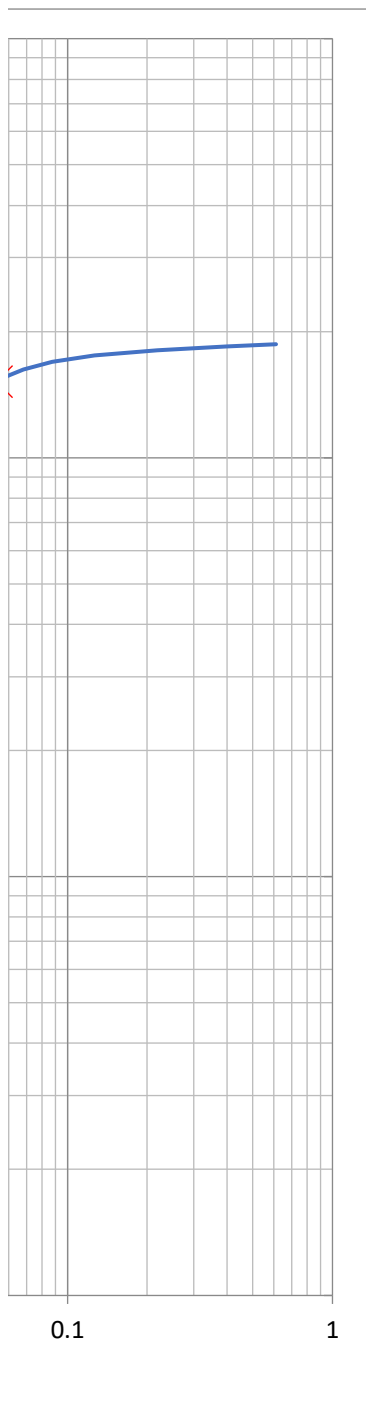






<b>CTExcitation:</b>	Excitation A-5
<b>Date/Time:</b>	6/12/2023 12:23
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	200.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
186.46V	0.612081A
184.11V	0.398439A
180.57V	0.218641A
175.51V	0.126038A
169.17V	0.08732A
162.24V	0.06803A
155.08V	0.057006A
147.8V	0.050148A
140.51V	0.045425A
133.18V	0.041906A
125.82V	0.039114A
118.45V	0.0368A
111.06V	0.034802A
103.68V	0.032942A
96.28V	0.031115A
88.9V	0.029369A
81.49V	0.027692A
74.1V	0.026012A
66.69V	0.024287A
59.3V	0.022504A
51.9V	0.020652A
44.5V	0.018685A
37.09V	0.016576A
29.67V	0.014262A
22.28V	0.011653A
14.88V	0.008607A
7.48V	0.005026A
1.02V	0.001146A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	151.79V
<b>I knee:</b>	0.053844A





<b>Comment:</b>	B1 Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
B1 Bushing CT S/N D190900496-20/1  1s1-1s2 1500:1 5VA Class: TPY  2s1-2s2 1500:1 5VA Class: TPY	

<b>CTRatio:</b>	Ratio B1-1		
<b>Date/Time:</b>	6/12/2023 10:13		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.9A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.20074A	<b>I sec Phase:</b>	0.11°
<b>Ratio:</b>	1500.0A:	1.004A	0.4%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

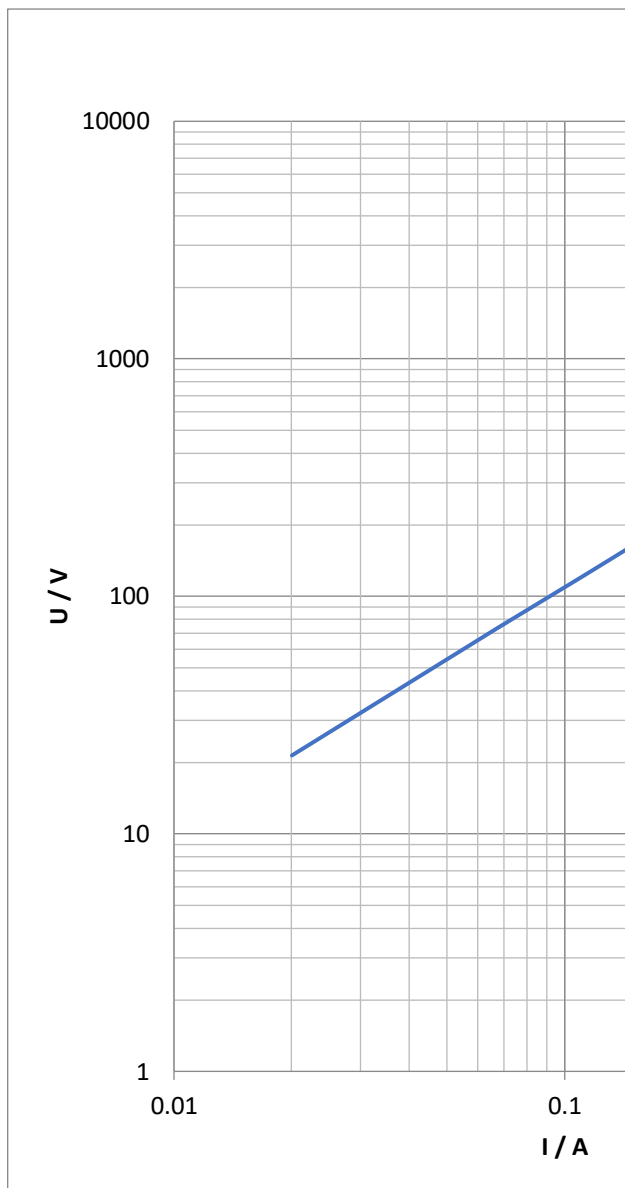
<b>CTRatio:</b>	Ratio B1-2		
<b>Date/Time:</b>	6/12/2023 10:13		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.9A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19979A	<b>I sec Phase:</b>	0.08°
<b>Ratio:</b>	1500.0A:	0.9993A	-0.07%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

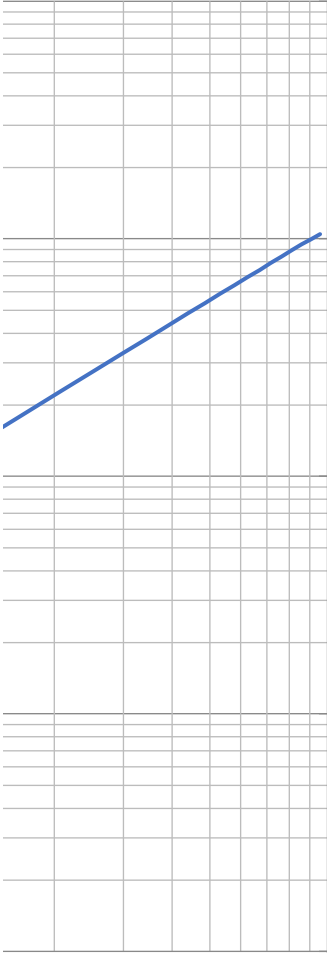
<b>RWinding:</b>	RWinding B1-1
<b>Date/Time:</b>	6/12/2023 10:21
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	1.00001A
<b>V DC:</b>	3.022361V
<b>R meas:</b>	3.02232978 $\Omega$
<b>Deviation:</b>	0.08%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.40698993 $\Omega$



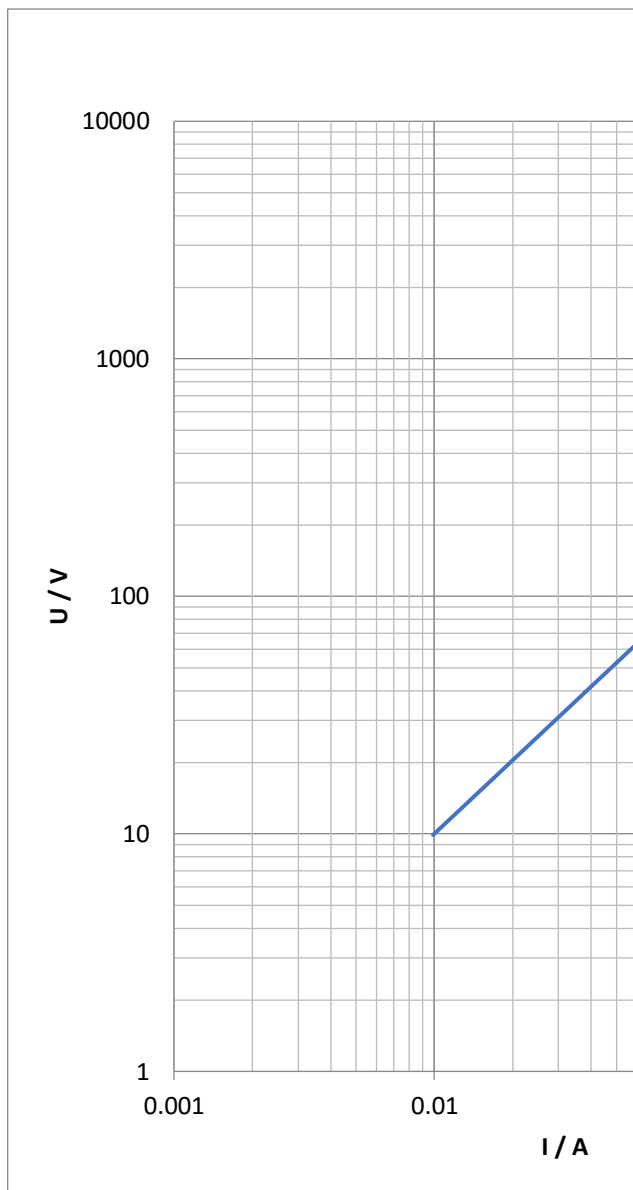
<b>RWinding:</b>	RWinding B1-2
<b>Date/Time:</b>	6/12/2023 10:22
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.99993A
<b>V DC:</b>	2.887944V
<b>R meas:</b>	2.88814717Ω
<b>Deviation:</b>	0.02%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.25572954Ω

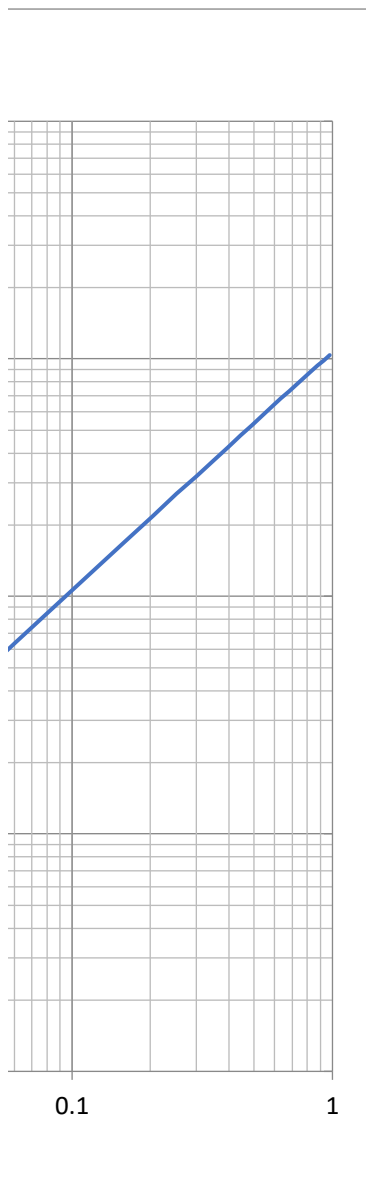
<b>CTExcitation:</b>	Excitation B1-1
<b>Date/Time:</b>	6/12/2023 11:40
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1050.0V
<b>I max:</b>	2.38095A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1046.19V	0.957258A
996.17V	0.907565A
945.52V	0.858967A
894.58V	0.8112A
843.33V	0.763918A
792.16V	0.717005A
741.0V	0.670383A
689.78V	0.623884A
638.3V	0.577431A
586.78V	0.531028A
535.52V	0.484715A
484.3V	0.438482A
432.83V	0.392111A
381.21V	0.345684A
329.75V	0.299332A
278.57V	0.253033A
227.03V	0.206591A
175.34V	0.159974A
123.97V	0.113412A
72.82V	0.066746A
21.39V	0.020045A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0





<b>CTExcitation:</b>	Excitation B1-2
<b>Date/Time:</b>	6/12/2023 11:43
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1040.0V
<b>I max:</b>	2.40385A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1036.55V	0.975861A
986.24V	0.925241A
935.49V	0.875451A
884.48V	0.82639A
833.34V	0.777803A
782.37V	0.729525A
731.33V	0.681466A
680.0V	0.633529A
628.66V	0.585704A
577.38V	0.537964A
526.27V	0.490332A
475.0V	0.442727A
423.57V	0.395055A
372.12V	0.347356A
320.77V	0.299724A
269.65V	0.252136A
218.22V	0.204408A
166.67V	0.156567A
115.35V	0.108714A
64.17V	0.060658A
9.89V	0.009885A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0





<b>Comment:</b>	B2 Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
B2 Bushing CT S/N D190900496-20/2  1s1-1s2 1500:1 5VA Class: TPY  2s1-2s2 1500:1 5VA Class: TPY	

<b>CTRatio:</b>	Ratio B2-1		
<b>Date/Time:</b>	6/12/2023 7:47		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.93A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.2011A	<b>I sec Phase:</b>	0.09°
<b>Ratio:</b>	1500.0A:	1.0057A	0.57%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

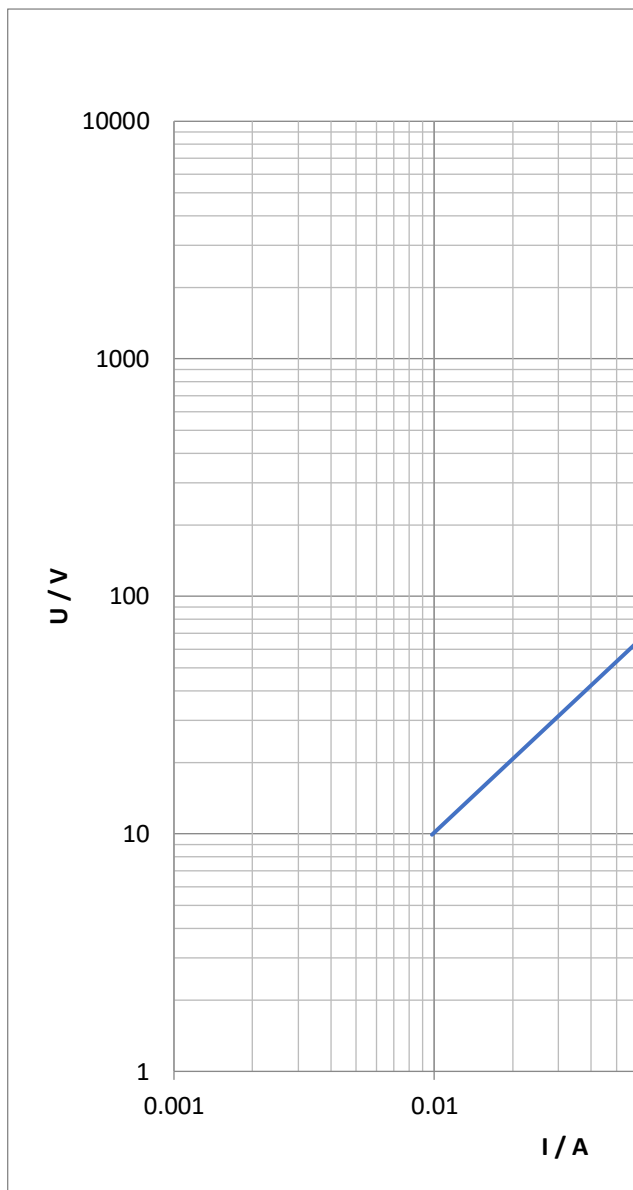
<b>CTRatio:</b>	Ratio B2-2		
<b>Date/Time:</b>	6/12/2023 7:48		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.93A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.20084A	<b>I sec Phase:</b>	0.09°
<b>Ratio:</b>	1500.0A:	1.0044A	0.44%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

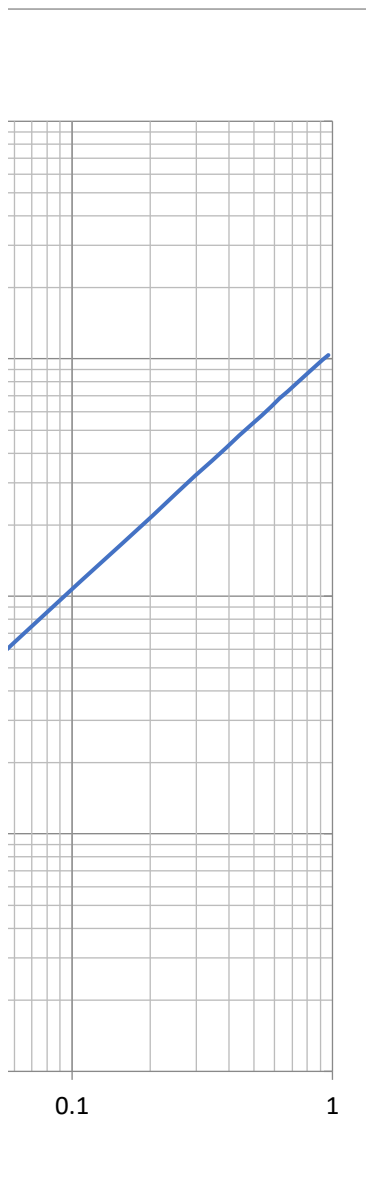


<b>RWinding:</b>	RWinding B2-1
<b>Date/Time:</b>	6/12/2023 10:24
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	1.00001A
<b>V DC:</b>	2.90547V
<b>R meas:</b>	2.90544095Ω
<b>Deviation:</b>	0.01%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.27522434Ω

<b>RWinding:</b>	RWinding B2-2
<b>Date/Time:</b>	6/12/2023 10:27
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.99995A
<b>V DC:</b>	2.864869V
<b>R meas:</b>	2.86501325 $\Omega$
<b>Deviation:</b>	0.01%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.2296513 $\Omega$

<b>CTExcitation:</b>	Excitation B2-1
<b>Date/Time:</b>	6/12/2023 11:51
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1040.0V
<b>I max:</b>	2.39808A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1036.88V	0.964578A
986.73V	0.914799A
935.93V	0.865891A
884.72V	0.81764A
833.56V	0.76982A
782.45V	0.722261A
731.34V	0.674922A
680.14V	0.627618A
628.71V	0.580359A
577.37V	0.533169A
526.17V	0.486037A
475.06V	0.438937A
423.73V	0.391753A
372.16V	0.344477A
320.85V	0.297245A
269.68V	0.250027A
218.23V	0.20269A
166.71V	0.155217A
115.37V	0.107716A
64.2V	0.060045A
9.92V	0.009794A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0





<b>Comment:</b>	2a Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
2a Bushing CT S/N D190900496-50/2  1s1-1s2 1500:1 5VA Class: TPY  2s1-2s2 1500:1 5VA Class: TPY  3s1-3s2 1500:1 10VA Class: 0.2  4s1-4s2 1500:1 10VA Class: 0.2  5s1-5s2 1158:1.5 10VA Class: 5	

<b>CTRatio:</b>	Ratio 2a-1		
<b>Date/Time:</b>	6/12/2023 8:00		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.199A	<b>I sec Phase:</b>	0.0°
<b>Ratio:</b>	1500.0A:	0.9952A	-0.48%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 2a-2		
<b>Date/Time:</b>	6/12/2023 8:04		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.93A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19938A	<b>I sec Phase:</b>	0.03°
<b>Ratio:</b>	1500.0A:	0.9971A	-0.29%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 2a-3		
<b>Date/Time:</b>	6/12/2023 8:05		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	299.92A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19971A	<b>I sec Phase:</b>	-0.03°
<b>Ratio:</b>	1500.0A:	0.9988A	-0.12%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		



<b>CTRatio:</b>	Ratio 2a-4		
<b>Date/Time:</b>	6/12/2023 8:06		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1500.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	300.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	300.02A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19972A	<b>I sec Phase:</b>	-0.04°
<b>Ratio:</b>	1500.0A:	0.9985A	-0.15%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 2a-5		
<b>Date/Time:</b>	6/12/2023 9:52		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1158.0A		
<b>I sec.:</b>	1.5A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	235.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	234.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.30268A	<b>I sec Phase:</b>	0.22°
<b>Ratio:</b>	1158.0A:	1.4918A	-0.55%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>RWinding:</b>	RWinding 2a-1
<b>Date/Time:</b>	6/12/2023 10:54
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.99999A
<b>V DC:</b>	3.127912V
<b>R meas:</b>	3.12794128 $\Omega$
<b>Deviation:</b>	0.01%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.5260429 $\Omega$

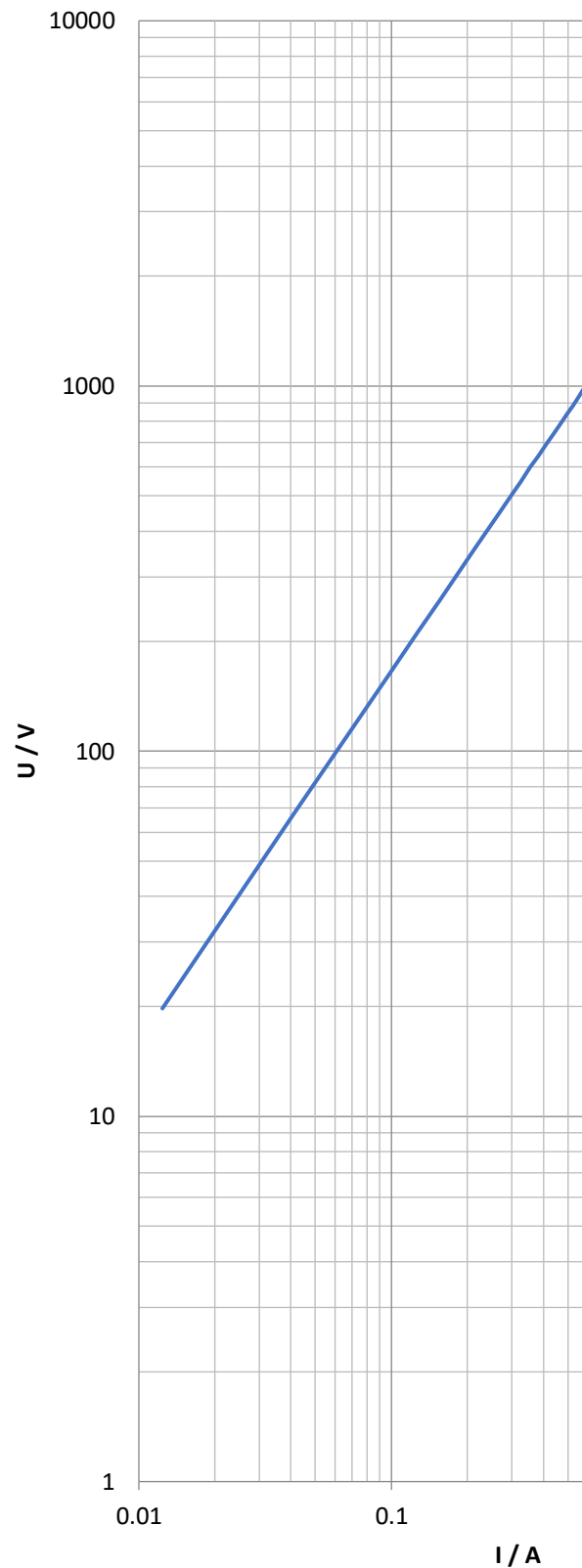
<b>RWinding:</b>	RWinding 2a-2
<b>Date/Time:</b>	6/12/2023 10:56
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.99995A
<b>V DC:</b>	3.068192V
<b>R meas:</b>	3.06834342 $\Omega$
<b>Deviation:</b>	0.03%
<b>Time:</b>	26.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.45885986 $\Omega$

<b>RWinding:</b>	RWinding 2a-3
<b>Date/Time:</b>	6/12/2023 10:59
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.88308A
<b>V DC:</b>	6.745249V
<b>R meas:</b>	7.63832269Ω
<b>Deviation:</b>	0.04%
<b>Time:</b>	37.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	8.61047285Ω

<b>RWinding:</b>	RWinding 2a-4
<b>Date/Time:</b>	6/12/2023 11:01
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.88535A
<b>V DC:</b>	6.585806V
<b>R meas:</b>	7.43864573 $\Omega$
<b>Deviation:</b>	0.01%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	8.38538246 $\Omega$

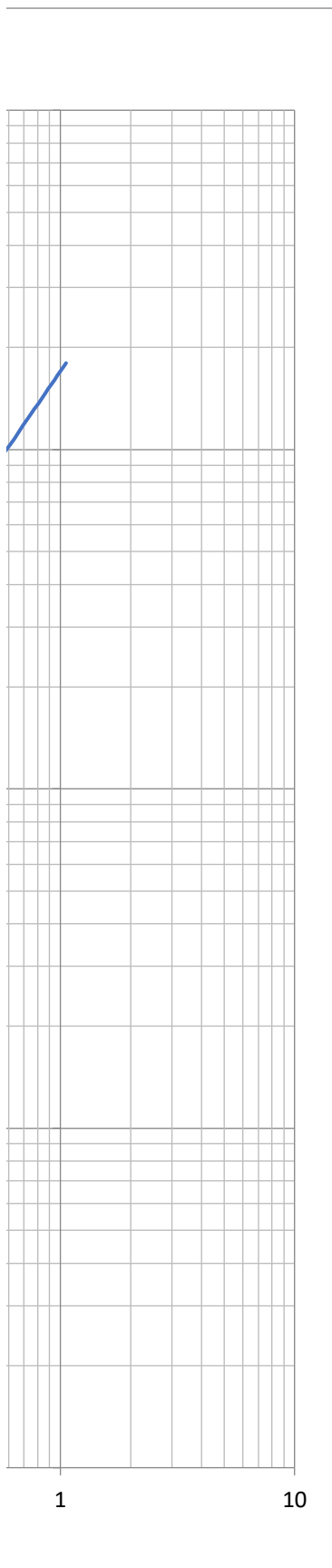
<b>RWinding:</b>	RWinding 2a-5
<b>Date/Time:</b>	6/12/2023 11:05
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	1.00001A
<b>V DC:</b>	1.855045V
<b>R meas:</b>	1.85502645 $\Omega$
<b>Deviation:</b>	0.03%
<b>Time:</b>	27.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	40.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	2.09112073 $\Omega$

<b>CTExcitation:</b>	Excitation 2a-1
<b>Date/Time:</b>	6/12/2023 11:17
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1800.0V
<b>I max:</b>	1.38889A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1798.06V	1.057829A
1749.89V	1.029238A
1702.03V	1.00088A
1654.12V	0.972629A
1606.33V	0.944455A
1558.51V	0.916307A
1510.43V	0.888067A
1462.44V	0.85999A
1414.48V	0.831923A
1366.45V	0.803899A
1318.17V	0.775823A
1270.25V	0.74783A
1222.11V	0.719766A
1174.24V	0.691772A
1126.03V	0.663686A
1078.19V	0.635688A
1030.06V	0.607613A
981.97V	0.579551A
933.83V	0.551445A
885.77V	0.523334A
837.71V	0.495242A
789.54V	0.467097A
741.63V	0.438974A
693.42V	0.410769A
645.51V	0.382601A
597.15V	0.354329A
549.23V	0.326188A
500.85V	0.297876A
452.95V	0.269679A
404.72V	0.241265A
356.59V	0.212937A
308.46V	0.184478A
260.16V	0.156003A
212.18V	0.127438A
163.91V	0.098805A
116.02V	0.070096A
67.65V	0.041206A
19.75V	0.01239A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0



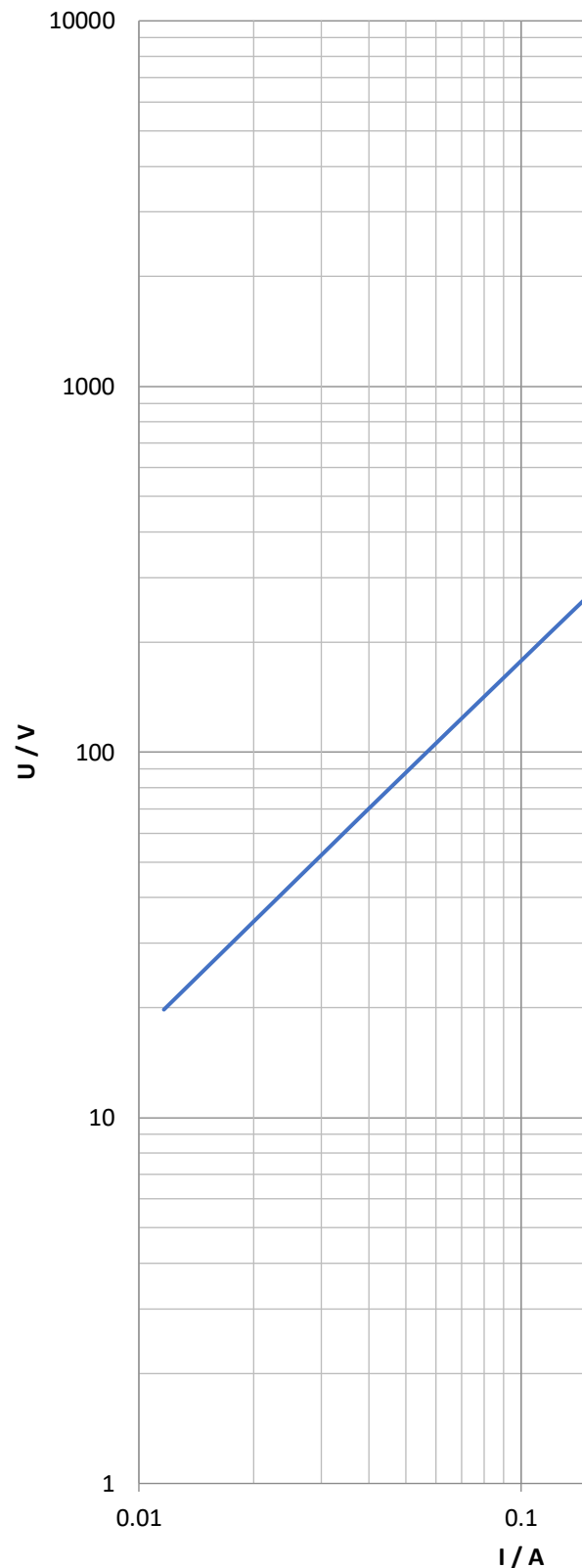




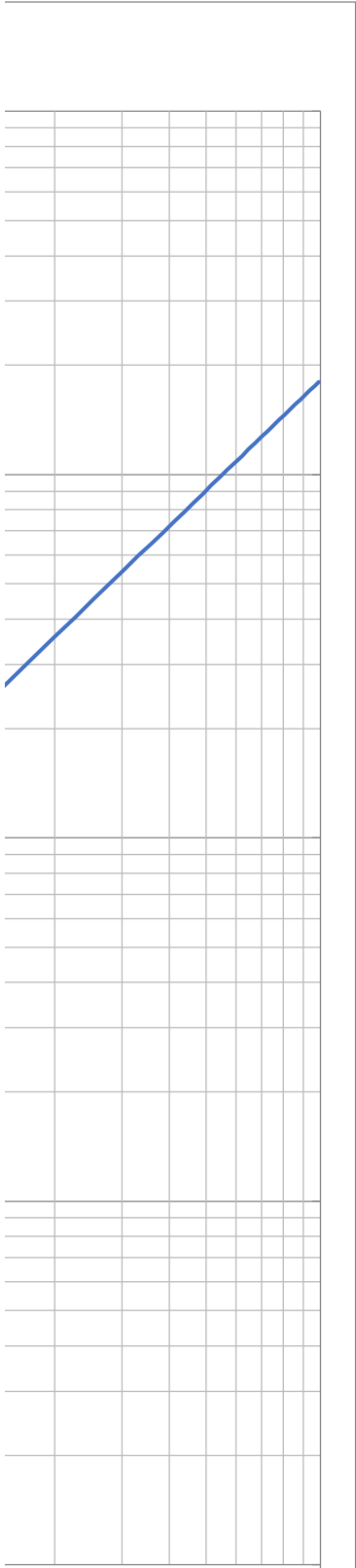




<b>CTExcitation:</b>	Excitation 2a-2
<b>Date/Time:</b>	6/12/2023 11:21
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1800.0V
<b>I max:</b>	1.38889A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1797.92V	0.989892A
1749.83V	0.963208A
1702.06V	0.936704A
1654.05V	0.910258A
1606.1V	0.88388A
1558.13V	0.857553A
1510.11V	0.831242A
1462.2V	0.804995A
1414.08V	0.778696A
1366.15V	0.752475A
1318.07V	0.726206A
1270.1V	0.699995A
1222.0V	0.673755A
1173.98V	0.647527A
1125.93V	0.6213A
1077.82V	0.595016A
1029.94V	0.568801A
981.75V	0.542503A
933.86V	0.516264A
885.66V	0.489948A
837.59V	0.463649A
789.61V	0.437332A
741.39V	0.41097A
693.51V	0.384639A
645.19V	0.358188A
597.31V	0.331843A
549.07V	0.305376A
500.93V	0.278968A
452.96V	0.252494A
404.61V	0.225945A
356.64V	0.199412A
308.36V	0.172743A
260.36V	0.146149A
212.0V	0.119309A
163.96V	0.092618A
115.92V	0.065625A
67.65V	0.038625A
19.76V	0.011626A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0

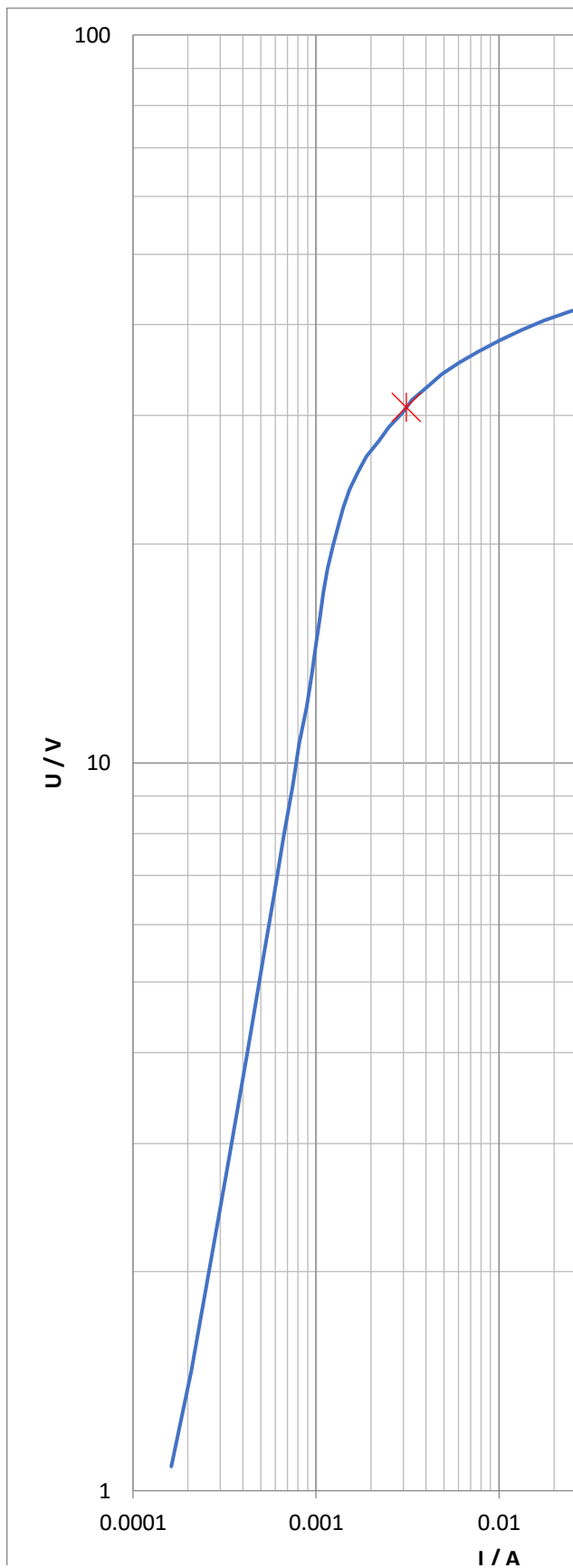






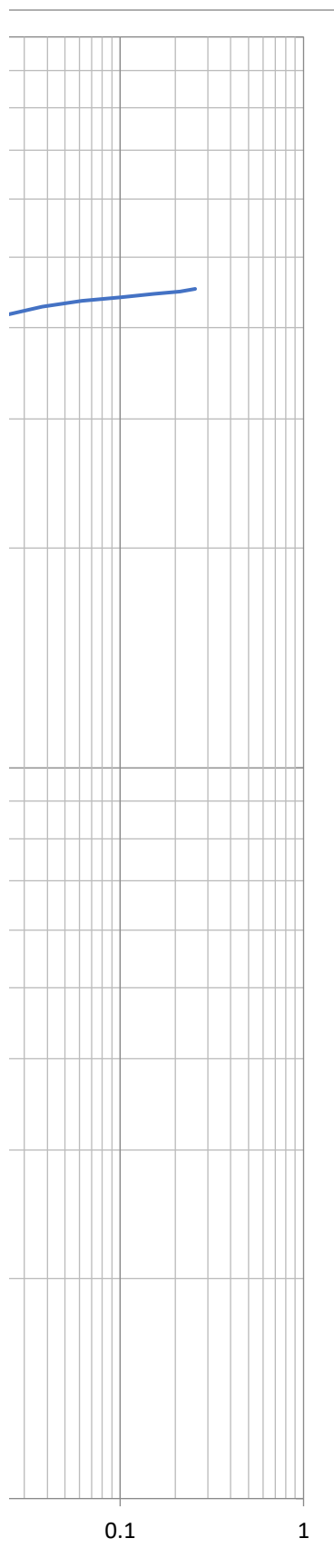


<b>CTExcitation:</b>	Excitation 2a-3
<b>Date/Time:</b>	6/12/2023 11:25
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	50.0V
<b>I max:</b>	1.6A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
45.21V	0.256486A
44.85V	0.21142A
44.47V	0.152642A
44.04V	0.10005A
43.54V	0.061706A
42.78V	0.037511A
41.72V	0.024832A
40.52V	0.017744A
39.29V	0.013275A
38.02V	0.010031A
36.75V	0.007706A
35.45V	0.00607A
34.17V	0.00489A
32.87V	0.004088A
31.55V	0.003366A
30.26V	0.00297A
28.94V	0.002508A
27.63V	0.002196A
26.34V	0.001886A
25.03V	0.001697A
23.72V	0.001529A
22.4V	0.001414A
21.09V	0.001317A
19.79V	0.001233A
18.48V	0.001161A
17.16V	0.001103A
15.84V	0.001051A
14.53V	0.001001A
13.23V	0.00095A
11.91V	0.000888A
10.61V	0.000812A
9.29V	0.000747A
7.98V	0.000671A
6.67V	0.000596A
5.38V	0.000515A
4.05V	0.000426A
2.74V	0.000325A
1.46V	0.000208A
1.08V	0.000162A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	30.79V
<b>I knee:</b>	0.003126A



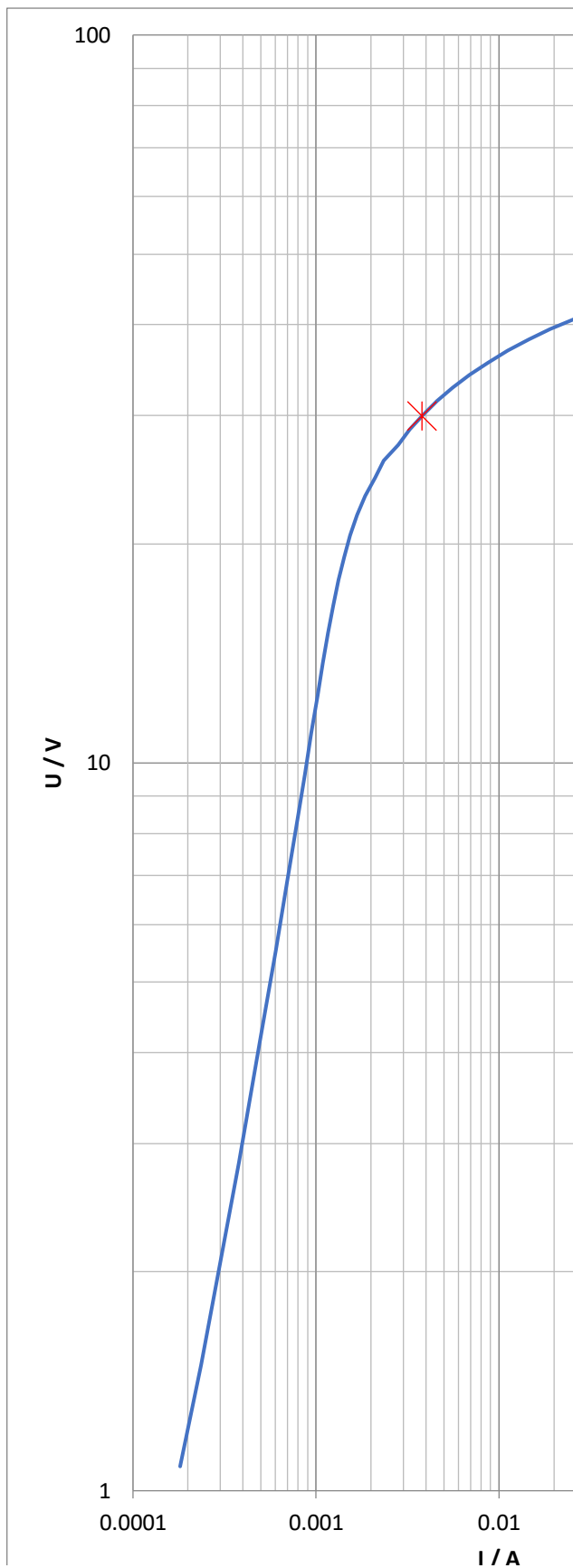




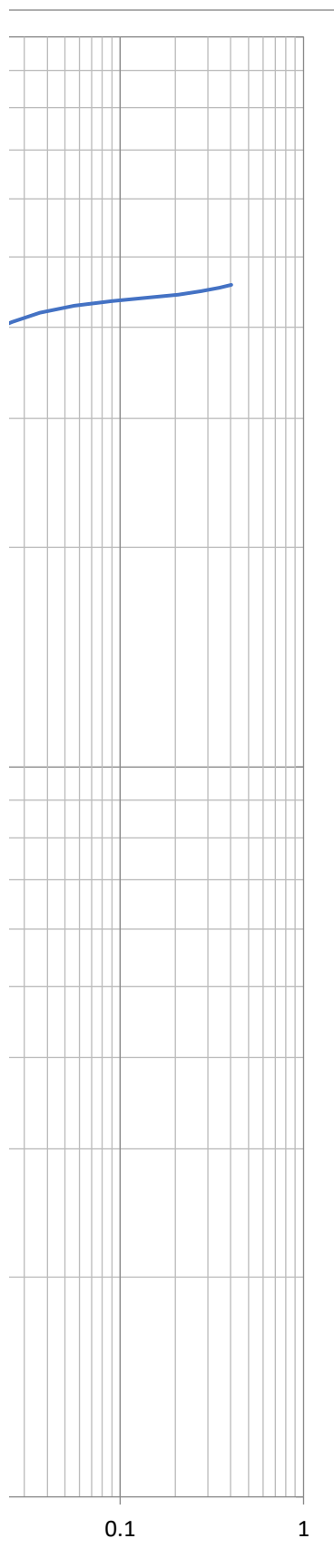




<b>CTExcitation:</b>	Excitation 2a-4
<b>Date/Time:</b>	6/12/2023 11:29
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	52.0V
<b>I max:</b>	1.6A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
45.74V	0.403714A
45.3V	0.347353A
44.8V	0.275607A
44.32V	0.207139A
43.91V	0.142287A
43.43V	0.090517A
42.85V	0.056106A
41.88V	0.036497A
40.7V	0.025764A
39.45V	0.01911A
38.14V	0.01457A
36.82V	0.011228A
35.48V	0.008728A
34.13V	0.006899A
32.79V	0.005578A
31.42V	0.004599A
30.07V	0.003869A
28.72V	0.003254A
27.36V	0.002819A
26.01V	0.002352A
24.64V	0.002104A
23.27V	0.001866A
21.91V	0.001683A
20.55V	0.001539A
19.19V	0.001425A
17.83V	0.001327A
16.46V	0.001242A
15.09V	0.001167A
13.73V	0.001094A
12.36V	0.001022A
11.0V	0.000946A
9.63V	0.000868A
8.25V	0.000785A
6.91V	0.0007A
5.53V	0.000604A
4.17V	0.000498A
2.82V	0.000378A
1.49V	0.000235A
1.08V	0.000181A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	29.94V
<b>I knee:</b>	0.003807A

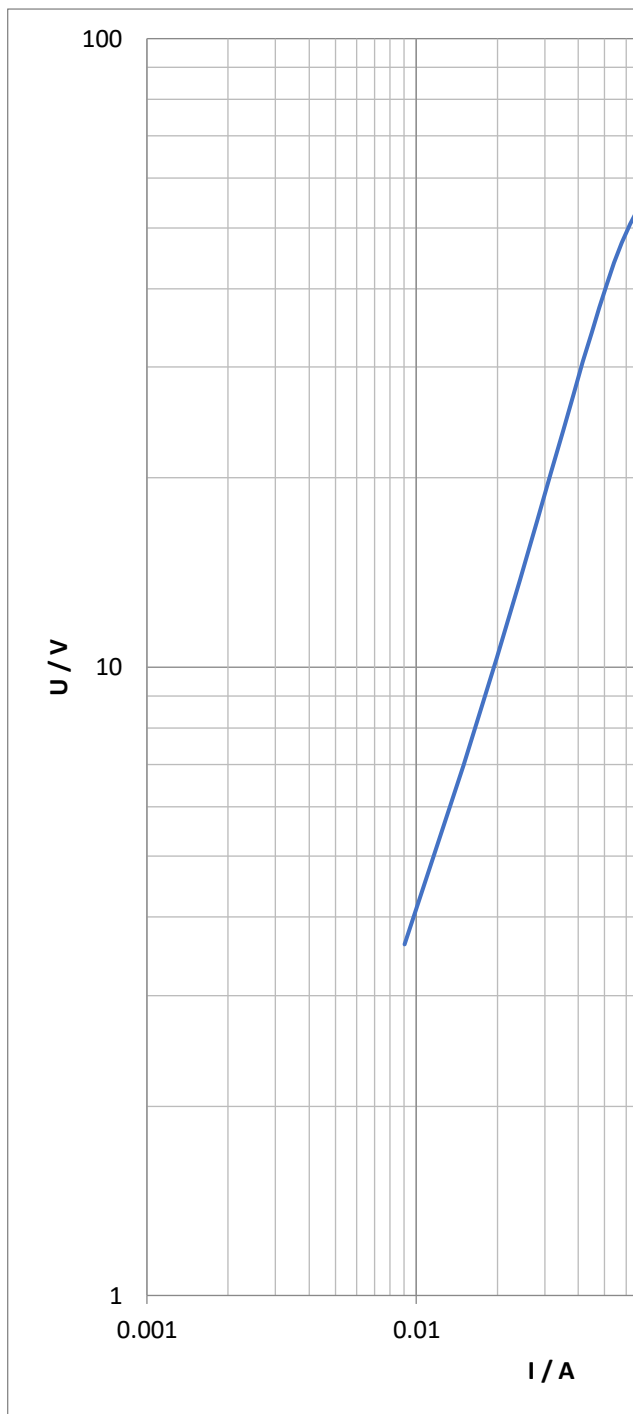




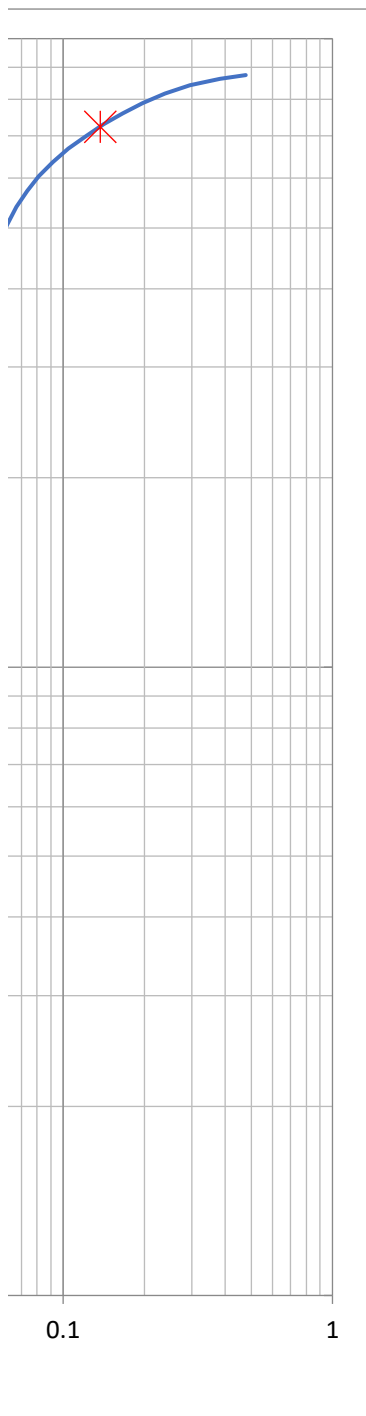




<b>CTExcitation:</b>	Excitation 2a-5
<b>Date/Time:</b>	6/12/2023 11:33
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	95.0V
<b>I max:</b>	1.6A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
87.5V	0.476478A
86.26V	0.381876A
84.26V	0.296025A
81.82V	0.238667A
79.04V	0.19765A
76.05V	0.166349A
73.0V	0.141448A
69.94V	0.121146A
66.83V	0.104774A
63.68V	0.091644A
60.45V	0.081422A
57.22V	0.073469A
53.95V	0.06718A
50.66V	0.06211A
47.37V	0.057879A
44.05V	0.054259A
40.7V	0.05097A
37.36V	0.047804A
34.0V	0.044683A
30.62V	0.04151A
27.24V	0.038351A
23.89V	0.035098A
20.51V	0.031688A
17.12V	0.028117A
13.74V	0.02424A
10.36V	0.019941A
6.98V	0.014977A
3.62V	0.009045A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	72.38V
<b>I knee:</b>	0.137123A







<b>Comment:</b>	3a Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
3a Bushing CT S/N D190900496-30/1  1s1-1s2 1000:1 5VA Class: TPY  2s1-2s2 1000:1 5VA Class: TPY  3s1-3s2 1000:1 10VA Class: 0.2  4s1-4s2 668:1.5 10VA Class: 5	

<b>CTRatio:</b>	Ratio 3a-1		
<b>Date/Time:</b>	6/9/2023 6:21		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.96A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19972A	<b>I sec Phase:</b>	0.11°
<b>Ratio:</b>	1000.0A:	0.9988A	-0.12%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 3a-2		
<b>Date/Time:</b>	6/9/2023 6:22		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19962A	<b>I sec Phase:</b>	0.1°
<b>Ratio:</b>	1000.0A:	0.9983A	-0.17%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 3a-3		
<b>Date/Time:</b>	6/9/2023 6:23		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19978A	<b>I sec Phase:</b>	0.01°
<b>Ratio:</b>	1000.0A:	0.9991A	-0.09%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

<b>CTRatio:</b>	Ratio 3a-4		
<b>Date/Time:</b>	6/9/2023 6:24		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	668.0A		
<b>I sec.:</b>	1.5A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	135.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	134.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.30171A	<b>I sec Phase:</b>	-179.4°
<b>Ratio:</b>	668.0A:	1.4935A	-0.44%
<b>Polarity:</b>	Failed		
<b>measured with Burden:</b>	NO		

<b>RWinding:</b>	RWinding 3a-1
<b>Date/Time:</b>	6/9/2023 6:40
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	0.99996A
<b>V DC:</b>	2.864316V
<b>R meas:</b>	2.86442958Ω
<b>Deviation:</b>	0.02%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	38.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.25264897Ω

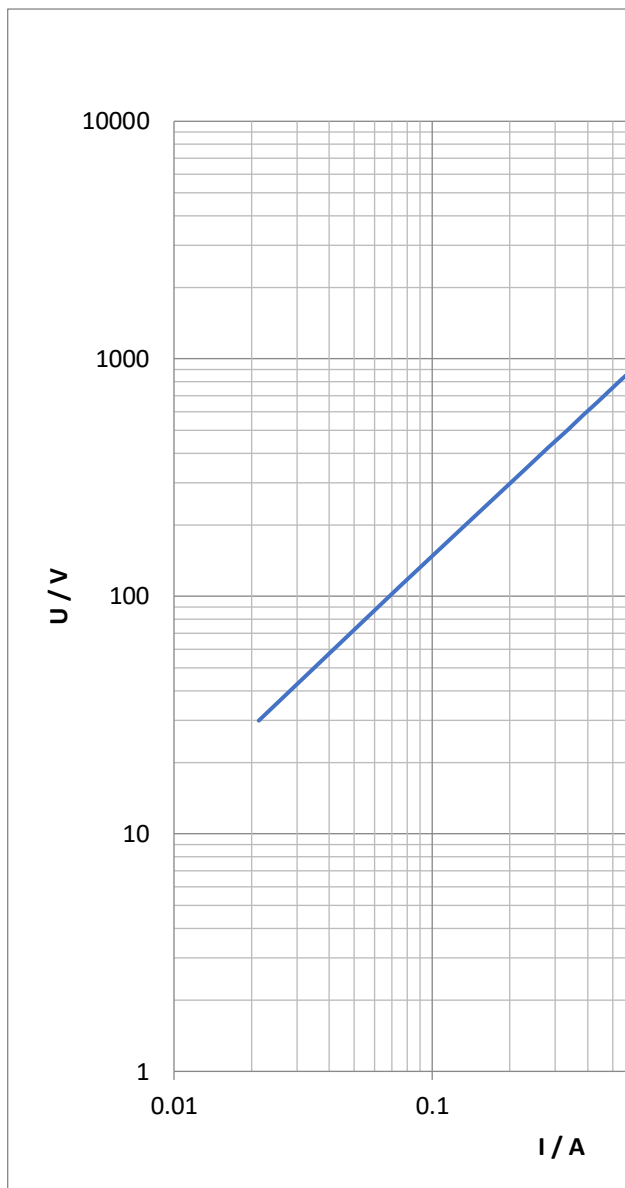
<b>RWinding:</b>	RWinding 3a-2
<b>Date/Time:</b>	6/9/2023 6:43
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	1.00003A
<b>V DC:</b>	2.824886V
<b>R meas:</b>	2.82480026Ω
<b>Deviation:</b>	0.02%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	34.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.25534602Ω

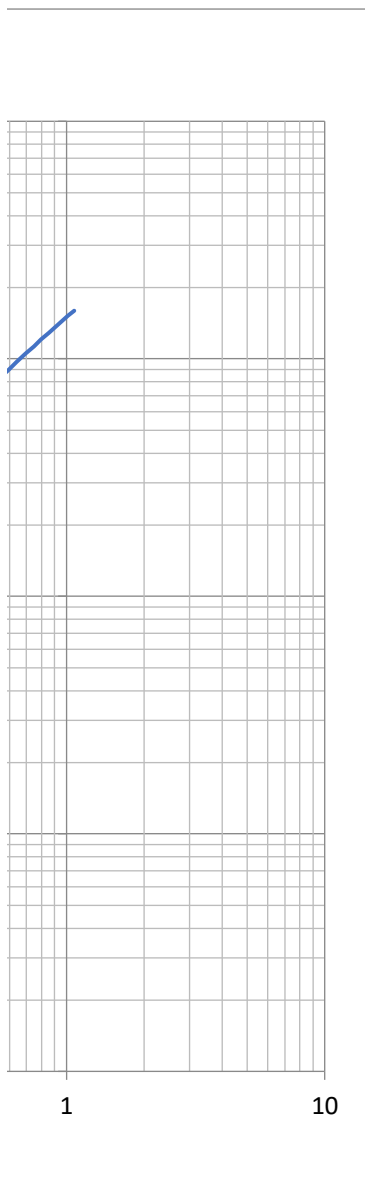


<b>RWinding:</b>	RWinding 3a-3
<b>Date/Time:</b>	6/9/2023 6:45
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	1.01677A
<b>V DC:</b>	4.289821V
<b>R meas:</b>	4.21906626Ω
<b>Deviation:</b>	0.0%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	38.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	4.7908811Ω

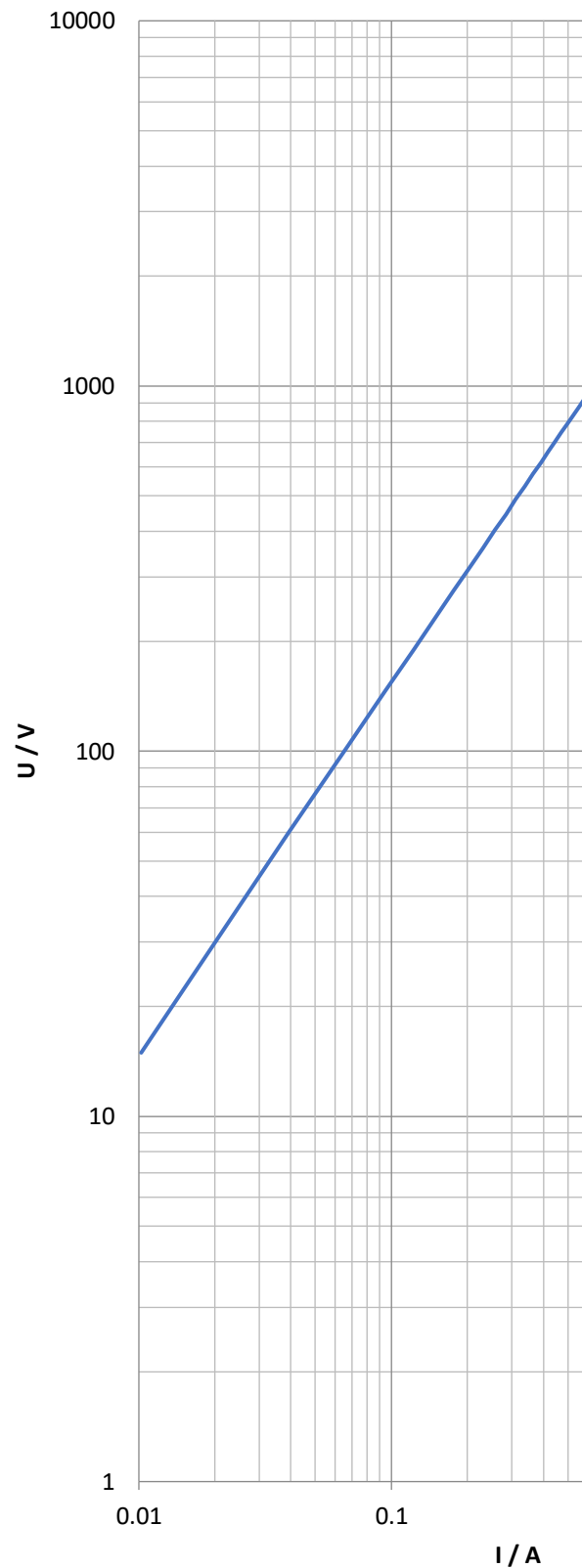
<b>RWinding:</b>	RWinding 3a-4
<b>Date/Time:</b>	6/9/2023 6:47
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	1.00009A
<b>V DC:</b>	1.360044V
<b>R meas:</b>	1.35992261 $\Omega$
<b>Deviation:</b>	0.04%
<b>Time:</b>	31.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	35.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	1.56139263 $\Omega$

<b>CTExcitation:</b>	Excitation 3a-1
<b>Date/Time:</b>	6/9/2023 7:00
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1600.0V
<b>I max:</b>	1.38889A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1593.63V	1.07067A
1516.96V	1.013683A
1439.68V	0.958334A
1361.92V	0.904206A
1284.1V	0.850918A
1206.14V	0.798253A
1128.06V	0.745988A
1049.93V	0.694025A
971.47V	0.642268A
893.23V	0.590612A
814.85V	0.539076A
736.43V	0.487597A
658.26V	0.436162A
579.76V	0.384684A
501.22V	0.333173A
422.47V	0.281617A
343.96V	0.229986A
265.45V	0.178213A
186.97V	0.126271A
108.49V	0.074038A
29.98V	0.02131A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0

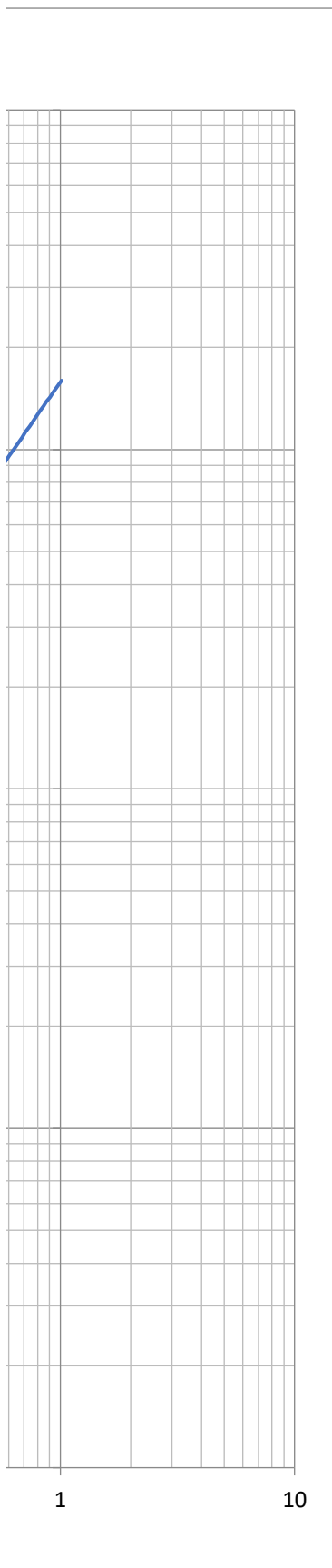




<b>CTExcitation:</b>	Excitation 3a-2
<b>Date/Time:</b>	6/9/2023 7:03
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1600.0V
<b>I max:</b>	1.5625A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1596.4V	1.011489A
1554.32V	0.983506A
1511.69V	0.955583A
1469.78V	0.928205A
1427.27V	0.900899A
1384.85V	0.873545A
1342.18V	0.846394A
1299.66V	0.819396A
1256.95V	0.792494A
1214.38V	0.765632A
1171.92V	0.738815A
1129.23V	0.712017A
1086.8V	0.685305A
1044.02V	0.658536A
1001.56V	0.631908A
958.7V	0.605166A
915.96V	0.578475A
873.16V	0.551769A
830.37V	0.525056A
787.77V	0.498396A
744.83V	0.471629A
702.32V	0.444952A
659.47V	0.418142A
616.91V	0.39142A
573.97V	0.364537A
531.27V	0.337784A
488.73V	0.310988A
445.8V	0.284128A
403.28V	0.257279A
360.18V	0.230311A
317.49V	0.203386A
274.48V	0.176251A
231.9V	0.14924A
188.93V	0.121955A
146.18V	0.094764A
103.66V	0.067336A
60.69V	0.039769A
14.94V	0.010215A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0



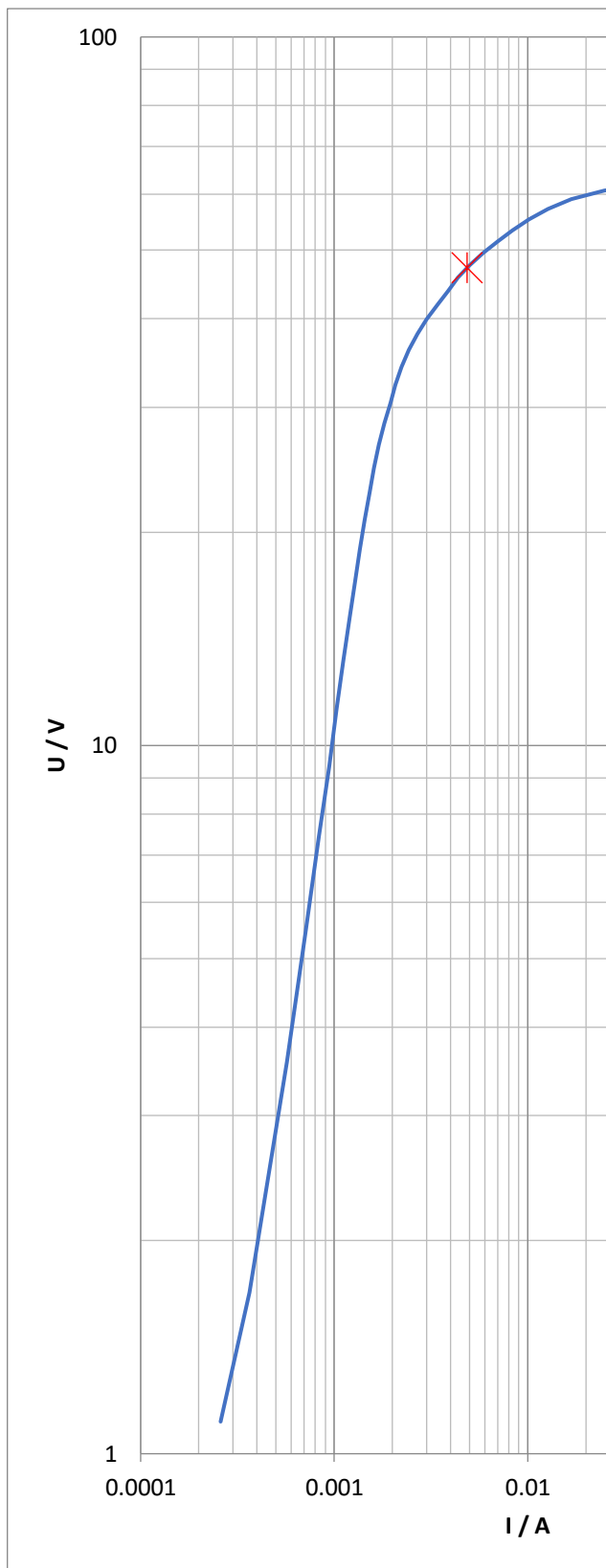


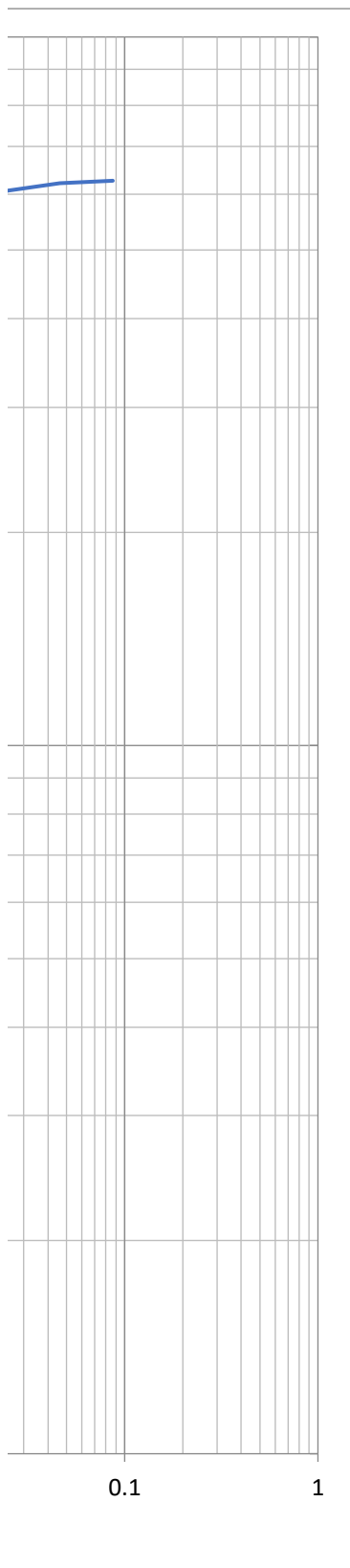




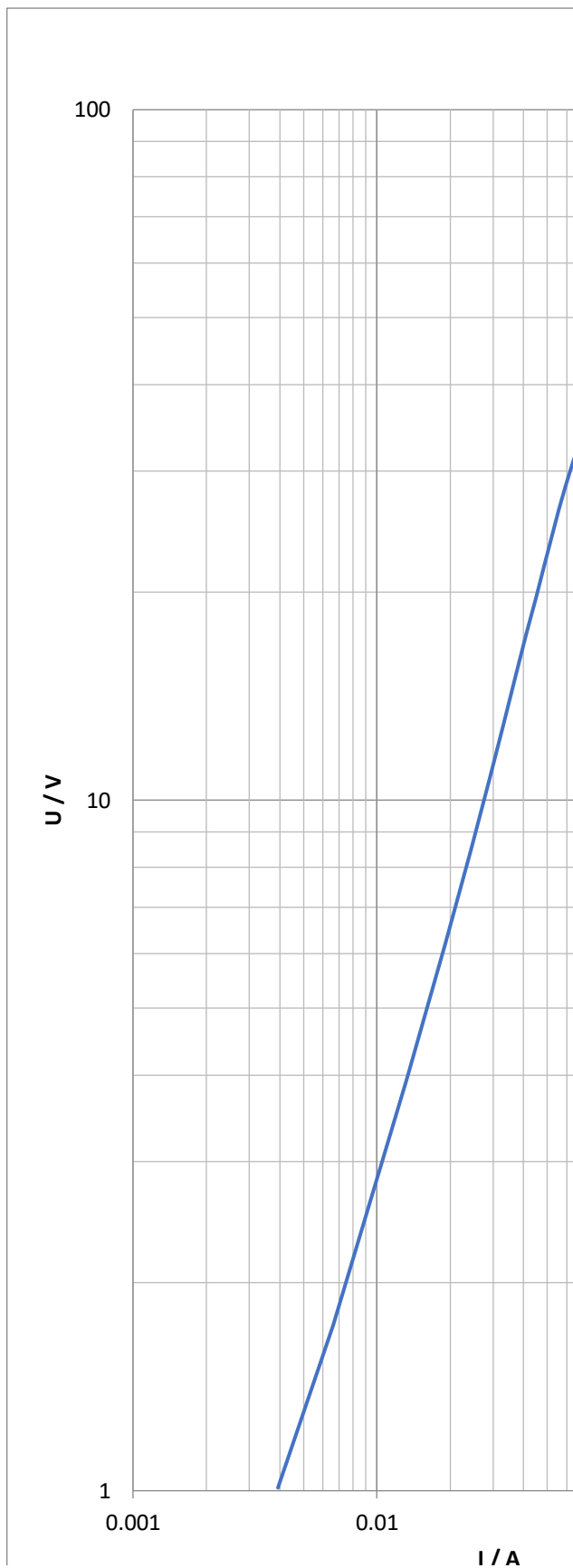


<b>CTExcitation:</b>	Excitation 3a-3
<b>Date/Time:</b>	6/9/2023 7:06
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	65.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
62.67V	0.086781A
62.13V	0.045986A
60.73V	0.025051A
58.98V	0.016845A
57.13V	0.012786A
55.25V	0.010202A
53.36V	0.008358A
51.46V	0.006993A
49.55V	0.005877A
47.65V	0.00503A
45.72V	0.00438A
43.81V	0.003875A
41.9V	0.003424A
39.98V	0.003019A
38.06V	0.002707A
36.15V	0.002444A
34.24V	0.002235A
32.32V	0.002079A
30.4V	0.001954A
28.48V	0.001817A
26.56V	0.001707A
24.64V	0.001609A
22.73V	0.001529A
20.83V	0.001445A
18.91V	0.001363A
16.99V	0.001283A
15.07V	0.001199A
13.16V	0.001119A
11.24V	0.00103A
9.32V	0.000942A
7.41V	0.000836A
5.49V	0.000717A
3.57V	0.00057A
1.69V	0.000364A
1.11V	0.000259A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	47.22V
<b>I knee:</b>	0.00488A

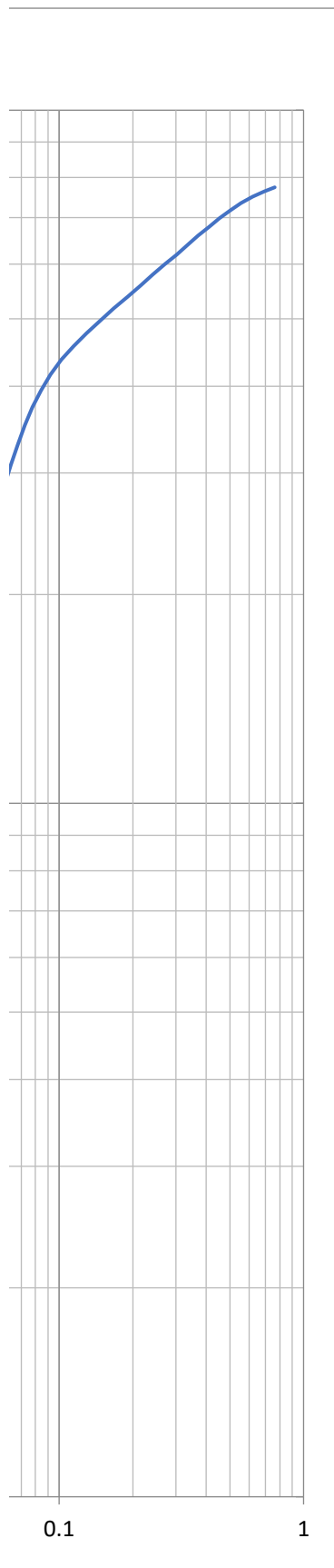




<b>CTExcitation:</b>	Excitation 3a-4	
<b>Date/Time:</b>	6/9/2023 7:08	
<b>Overload:</b>	NO	
<b>Assessment:</b>	n/a	
<b>V max:</b>	85.0V	
<b>I max:</b>	2.0A	
<b>Frequency:</b>	50.0Hz	
<b>Noise suppression:</b>	NO	
<b>Automatic:</b>	YES	
<b>V</b>	<b>I</b>	
77.4V	0.762176A	
76.42V	0.691845A	
75.1V	0.618878A	
73.45V	0.554817A	
71.68V	0.500977A	
69.84V	0.453331A	
67.91V	0.409878A	
65.93V	0.370432A	
63.93V	0.334616A	
61.91V	0.301659A	
59.95V	0.271035A	
57.89V	0.242104A	
55.84V	0.21535A	
53.79V	0.190482A	
51.74V	0.167648A	
49.71V	0.147273A	
47.69V	0.129471A	
45.7V	0.114589A	
43.66V	0.102255A	
41.58V	0.09236A	
39.45V	0.084397A	
37.31V	0.077932A	
35.14V	0.072482A	
32.97V	0.067747A	
30.77V	0.063495A	
28.56V	0.059595A	
26.35V	0.055861A	
24.11V	0.052196A	
21.89V	0.048561A	
19.66V	0.044898A	
17.41V	0.041099A	
15.18V	0.037221A	
12.92V	0.033151A	
10.68V	0.02887A	
8.44V	0.024251A	
6.19V	0.019099A	
3.95V	0.013301A	
1.74V	0.006644A	
1.01V	0.00393A	
<b>Kneepoint calculation:</b>	IEC/BS	
<b>V knee:</b>		0.0
<b>I knee:</b>		0.0









<b>Comment:</b>	3b Bushing
<b>Date/Time:</b>	6/7/23 11:27
<b>Fieldname:</b>	Fieldvalue:
3b Bushing CT S/N D190900496-40/1  1s1-1s2 1000:1 5VA Class: TPY  2s1-2s2 1000:1 5VA Class: TPY  3s1-3s2 1000:1 10VA Class: 0.2	

<b>CTRatio:</b>	Ratio 3b-1		
<b>Date/Time:</b>	6/9/2023 6:32		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.20002A	<b>I sec Phase:</b>	0.08°
<b>Ratio:</b>	1000.0A:	1.0004A	0.04%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		



<b>CTRatio:</b>	Ratio 3b-2		
<b>Date/Time:</b>	6/9/2023 6:33		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.96A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.1995A	<b>I sec Phase:</b>	0.11°
<b>Ratio:</b>	1000.0A:	0.9977A	-0.23%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

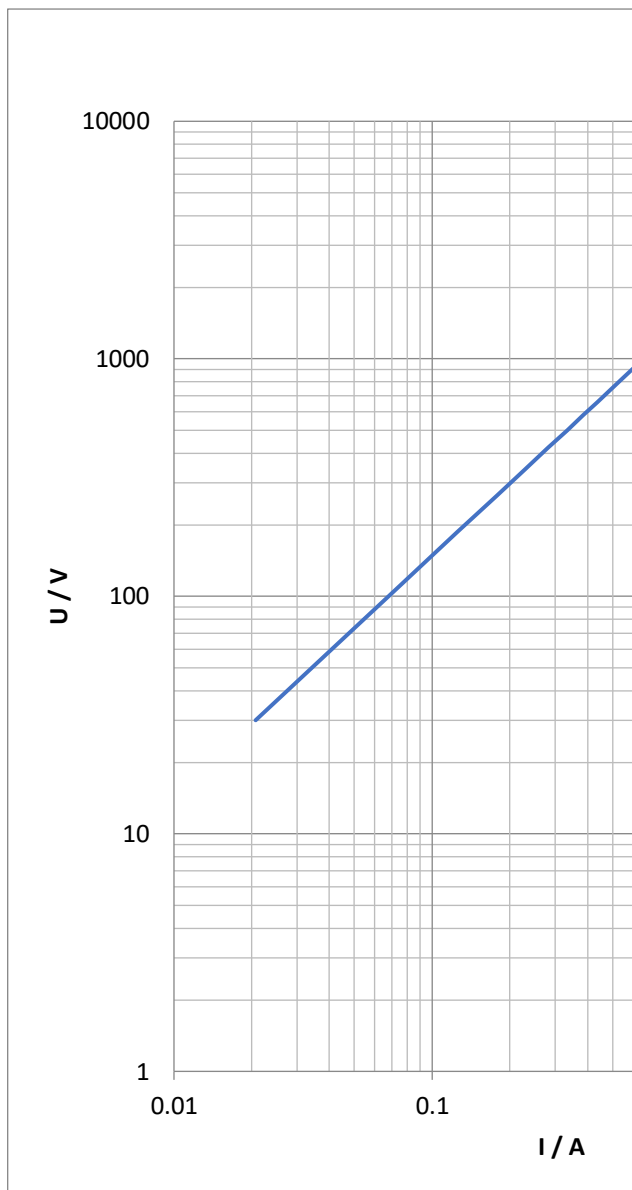
<b>CTRatio:</b>	Ratio 3b-3		
<b>Date/Time:</b>	6/9/2023 6:34		
<b>Overload:</b>	NO		
<b>Assessment:</b>	n/a		
<b>Range:</b>	AC 800A		
<b>Nominal values:</b>			
<b>I prim.:</b>	1000.0A		
<b>I sec.:</b>	1.0A		
<b>Frequency:</b>	50.0Hz		
<b>I test:</b>	200.0A		
<b>Automatic:</b>	YES		
<b>I sec. Manual</b>	NO		
<b>I sec. measured with current clamp</b>	NO		
<b>Results:</b>			
<b>I prim.:</b>	199.95A	<b>I prim Phase:</b>	0.0°
<b>I sec.:</b>	0.19964A	<b>I sec Phase:</b>	0.04°
<b>Ratio:</b>	1000.0A:	0.9984A	-0.16%
<b>Polarity:</b>	OK		
<b>measured with Burden:</b>	NO		

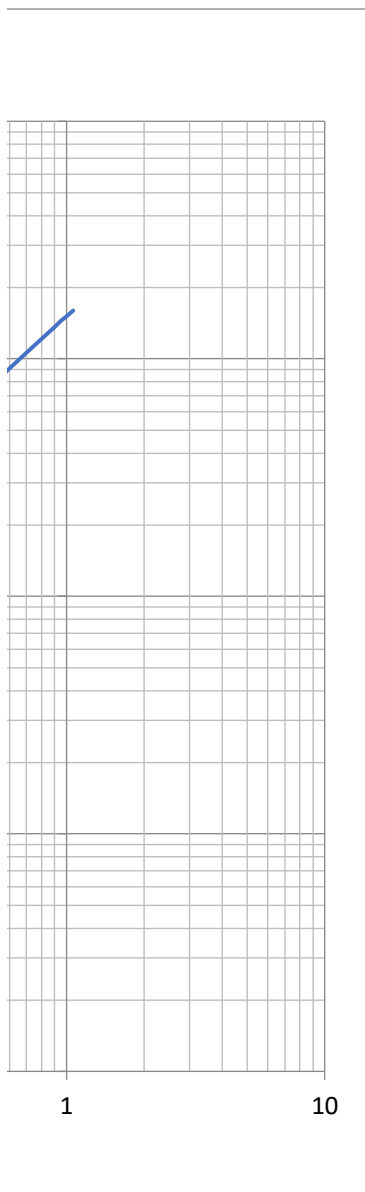
<b>RWinding:</b>	RWinding 3b-1
<b>Date/Time:</b>	6/9/2023 6:50
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	1.00001A
<b>V DC:</b>	2.882797V
<b>R meas:</b>	2.88276617Ω
<b>Deviation:</b>	0.06%
<b>Time:</b>	29.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	38.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.27347074Ω

<b>RWinding:</b>	RWinding 3b-2
<b>Date/Time:</b>	6/9/2023 6:51
<b>Overload:</b>	YES
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002 $\Omega$
<b>R max:</b>	10.0 $\Omega$
<b>Results:</b>	
<b>I DC:</b>	0.99997A
<b>V DC:</b>	3.024795V
<b>R meas:</b>	3.02488575 $\Omega$
<b>Deviation:</b>	0.04%
<b>Time:</b>	33.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	38.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	3.43485195 $\Omega$

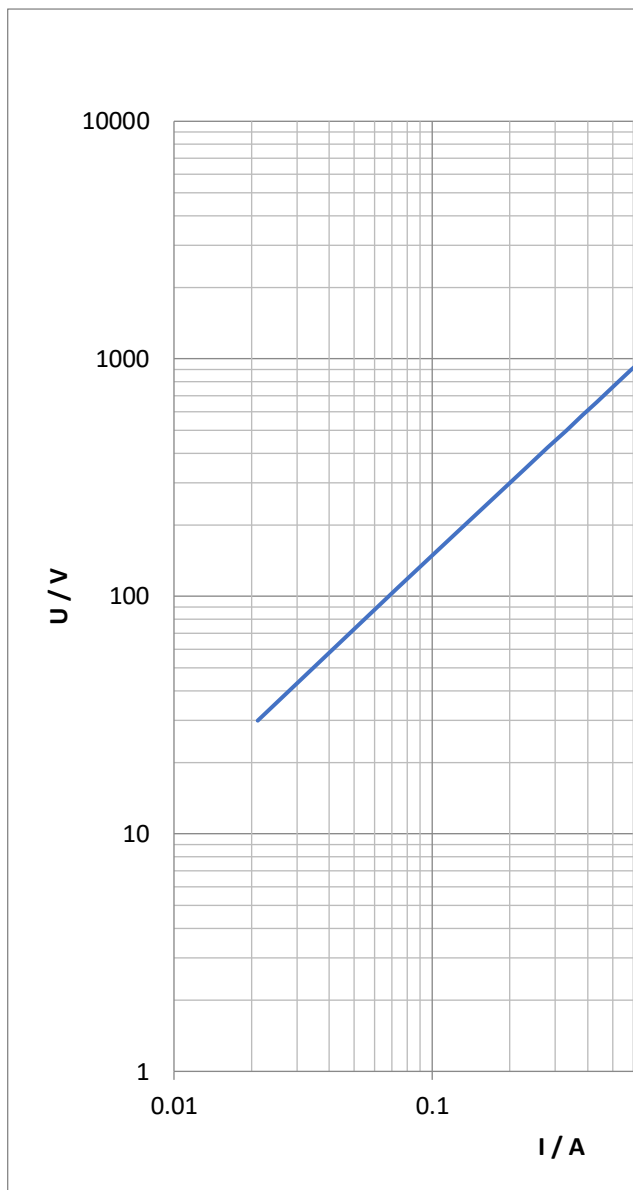
<b>RWinding:</b>	RWinding 3b-3
<b>Date/Time:</b>	6/9/2023 6:54
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>Range:</b>	DC 6A
<b>I Test:</b>	1.0A
<b>R min:</b>	0.0002Ω
<b>R max:</b>	10.0Ω
<b>Results:</b>	
<b>I DC:</b>	1.04053A
<b>V DC:</b>	4.489514V
<b>R meas:</b>	4.31464254Ω
<b>Deviation:</b>	0.02%
<b>Time:</b>	28.0s
<b>Temperature compensation:</b>	
<b>T meas.:</b>	38.0°C
<b>T ref.:</b>	75.0°C
<b>R ref.:</b>	4.89941094Ω

<b>CTExcitation:</b>	Excitation 3b-1
<b>Date/Time:</b>	6/9/2023 7:13
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1600.0V
<b>I max:</b>	1.38889A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1595.89V	1.060283A
1518.55V	1.005842A
1441.23V	0.952807A
1363.42V	0.90056A
1285.28V	0.848482A
1206.9V	0.796728A
1128.68V	0.7452A
1050.4V	0.693754A
972.15V	0.64236A
893.7V	0.59097A
815.13V	0.539628A
736.78V	0.488255A
658.37V	0.436808A
579.86V	0.385309A
501.34V	0.333733A
422.53V	0.282017A
344.09V	0.23022A
265.56V	0.178236A
187.07V	0.126055A
108.6V	0.073548A
30.08V	0.020717A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0

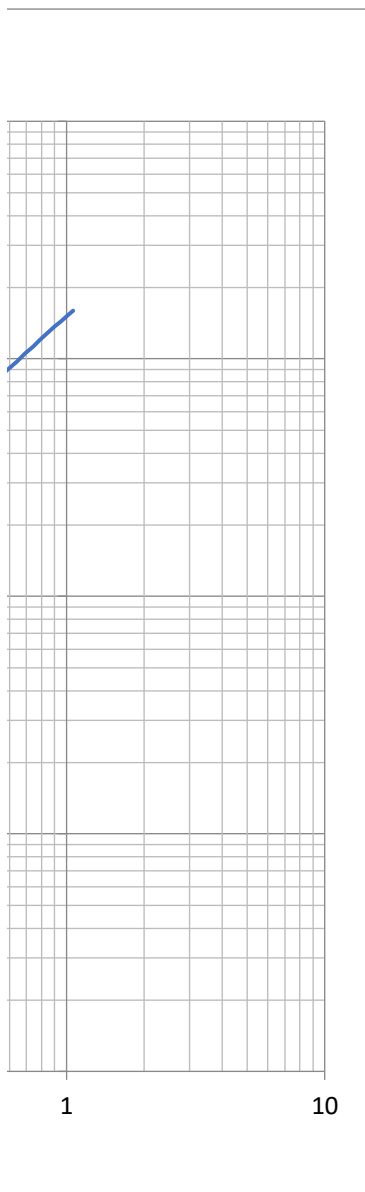




<b>CTExcitation:</b>	Excitation 3b-2
<b>Date/Time:</b>	6/9/2023 7:20
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	1600.0V
<b>I max:</b>	1.38735A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
1594.72V	1.060038A
1517.87V	1.004581A
1440.36V	0.950485A
1362.66V	0.897459A
1284.58V	0.845129A
1206.62V	0.793252A
1128.45V	0.741651A
1050.18V	0.690261A
971.87V	0.638975A
893.28V	0.587742A
814.9V	0.536521A
736.5V	0.485341A
658.15V	0.434166A
579.73V	0.382943A
501.15V	0.331675A
422.46V	0.280324A
343.9V	0.228909A
265.36V	0.17735A
186.94V	0.125596A
108.46V	0.073557A
29.97V	0.02111A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	0.0
<b>I knee:</b>	0.0







<b>CTExcitation:</b>	Excitation 3b-3
<b>Date/Time:</b>	6/9/2023 7:26
<b>Overload:</b>	NO
<b>Assessment:</b>	n/a
<b>V max:</b>	65.0V
<b>I max:</b>	2.0A
<b>Frequency:</b>	50.0Hz
<b>Noise suppression:</b>	NO
<b>Automatic:</b>	YES
<b>V</b>	<b>I</b>
60.02V	0.253926A
59.68V	0.198263A
59.09V	0.136739A
58.28V	0.091795A
57.17V	0.063263A
55.78V	0.045588A
54.25V	0.03464A
52.64V	0.027303A
51.02V	0.022019A
49.34V	0.01797A
47.66V	0.014764A
45.97V	0.012186A
44.28V	0.010142A
42.59V	0.008497A
40.9V	0.007178A
39.19V	0.006137A
37.48V	0.005263A
35.77V	0.004555A
34.06V	0.004051A
32.35V	0.00362A
30.64V	0.003244A
28.94V	0.002927A
27.22V	0.002635A
25.5V	0.002446A
23.8V	0.002225A
22.08V	0.002051A
20.37V	0.001897A
18.67V	0.00177A
16.95V	0.001646A
15.25V	0.001529A
13.54V	0.001416A
11.82V	0.001307A
10.12V	0.001192A
8.4V	0.001071A
6.68V	0.000946A
4.97V	0.000814A
3.27V	0.000665A
1.53V	0.00047A
1.04V	0.000391A
<b>Kneepoint calculation:</b>	IEC/BS
<b>V knee:</b>	40.31V
<b>I knee:</b>	0.006805A

