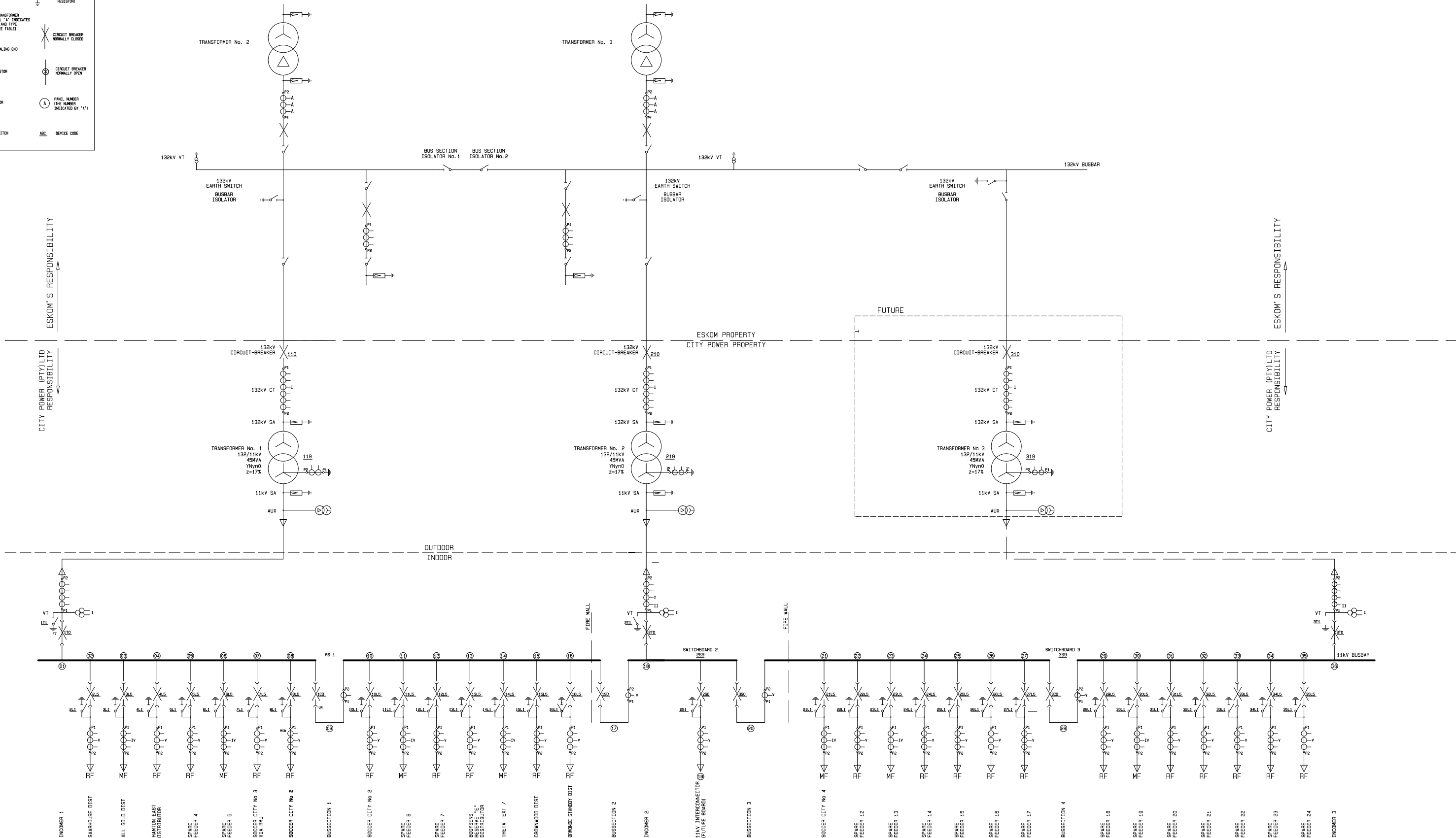
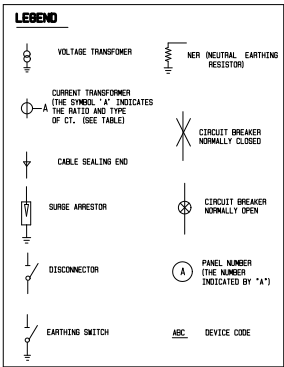




APPROVED BY ...

DESIGNATION	NAME (PLS PRINT)	SIGNATURE	DATE
MAINTENANCE (AREA)			
POWER SYSTEMS PROTECTION			
SCADA			
CAPITAL EXECUTION			
TECHNOLOGY			
MAINTENANCE (BULK)			

* SEE SPECIFICATION.
NOTE: 11kV VT TO BE 5-LIMB CONSTRUCTION.

11 kV SWITCHGEAR INFORMATION			
	11kV	11kV	11kV
CT RATING	2500 A	2500 A	630 A
CB RATING	x	x	x
CB TYPE	x	x	x
BUSBAR RATING	x	x	x
CLASS	x	x	x
RATIO	2500/1	2500/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (600/1) <0.4 (600/1)
CLASS	SP10	SP10	SP10
RATIO	2500/1	600/400/1	600/400/1
VA/MA	2500/1	600/400/1	600/400/1
KA	2500	600	600
R _{sc} (ohm)	<0.5	<0.4 (600/1) <0.4 (600/1)	<0.4 (6