



11kV RING MAIN UNIT - VIP35 OCEF PROTECTION SETTINGS

DISTRIBUTION TRANSFORMER RATING	300kVA	500kVA	750kVA	1000kVA	1500kVA
CT WIRING RATIO	S1-S2	S1-S2	S1-S2	S1-S2	S1-S3
PHASE OVER CURRENT SETTINGS I _s	22A	36A	56A	68A	115A
EARTH FAULT I _o	10A	12A	15A	20A	30A
INRUSH CURRENT DELAY SWITCH	ON	ON	ON	ON	ON
INRUSH CURRENT DELAY (s)	0.1	0.1	0.1	0.1	0.1

11kV RING MAIN UNIT - VIP45 OCEF PROTECTION SETTINGS

DISTRIBUTION TRANSFORMER RATING	300kVA	500kVA	750kVA	1000kVA	1500kVA
PHASE OVER CURRENT SET POINT I _{>}	21A	35A	50A	70A	100A
EARTH FAULT SET POINT I _{o>}	8A	12A	20A	20A	30A
EARTH FAULT TIME DELAY t _{o>} (s)	0.1	0.1	0.1	0.1	0.1
EF INRUSH DELAY	OFF	OFF	OFF	OFF	OFF
DISCRINATION WITH THE LV CB	ON	OFF	OFF	OFF	OFF

2 RENAME DRAWING, ADD VIP45 TABLE 1 CHANGED CT WIRING RATIO FOR 1500kVA Tx 0 ISSUED FOR CONSTRUCTION	KT	APR'16	IB	BC	
	CM	DEC'13	BC	BC	
	JC	JUL'09	AT	SC	
	NO	DESCRIPTION	DRN	DATE	CKD
AMENDMENTS					
					
DES	A.TAYLOR	POWER STANDARD DRAWING			
DRN	C.McLAREN	11kV RMU WITH VIP35 OR VIP45 100A RELAY SETTINGS FOR VARIOUS TRANSFORMER SIZES			
CKD	A.TAYLOR	A3	DRAWING NUMBER	S02-4-2-14	
APPD	A.TAYLOR				
SCALE	N.T.S.	ISSUED	DEC 2013		
ALL DIM. IN mm	DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY			
				AMDT	