

22kV 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 Is	12A	18A	28A	36A	56A
EARTH FAULT Io	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

NOTE

1.
- THESE SETTINGS ARE FOR 22KV NETWORK
AND NOT RELATED TO RMU RATING.

22kV RING MAIN UNIT - VIP45 OCEF PROTECTION SETTINGS

DISTRIBUTION TRANSFORMER RATING	300kVA	500kVA	750kVA	1000kVA	1500kVA
PHASE OVER CURRENT SET POINT I>	12A	18A	25A	35A	50A
EARTH FAULT SET POINT Io>	8A	12A	20A	20A	30A
EARTH FAULT TIME DELAY t0> (s)	0.1	0.1	0.1	0.1	0.1
EF INRUSH DELAY	OFF	OFF	OFF	OFF	OFF
DISCRINATION WITH THE LV CB	OFF	OFF	OFF	OFF	OFF

	4	CONFIRMATION OF OPERATIONAL VOLTAGE	C.C.	NOV'19	B.C.	B.V.	PowerWater NORTHERN TERRITORY	DES	A.TAYLOR	POWER STANDARD DRAWING		
	3	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	APR'19	C.C.	C.C.		DRN	C.McLAREN	22kV RMU WITH VIP35 OR VIP45 100A RELAY SETTINGS FOR VARIOUS TRANSFORMER SIZES		
	2	RENAME DRAWING, ADD VIP45 TABLE	K.T.	APR'16	I.B.	B.C.		CKD	A.TAYLOR			
	1	CHANGED CT WIRING RATIO FOR 1500kVA Tx	C.M.	DEC'13	B.C.	B.C.		APPD	A.TAYLOR			
	0	ISSUED FOR CONSTRUCTION	J.C.	JUL'09	A.T.	S.C.		SCALE	N.T.S.			
	ISSUED	DEC 2013	A3	DRAWING NUMBER	S02-04-02-15	4						
	ALL DIM. IN mm											
AMENDMENTS							DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT	