



PROJET KONIAMBO
l'Usine du Nord
Nouvelle-Calédonie



3	02/Feb/2010	ISSUED FOR PURCHASE	Isnan	Budi	Sulkhan	na
REV	DATE	STATUS	WRITTEN	CHECKED	APPROVED	APPROVED
			Unindo Areva			Owner

DATA SHEET EARTHING RESISTOR (25A, 6.6kV SYSTEM)

PROJECT : KONIAMBO NICKEL PROJECT		PROJECT N°:	UNIT	DOCT. CODE	SERIAL N°	REV	SHEET	
CLIENT: KONIAMBO NICKEL SAS		319000	00000	DS 1641	0012	03	1 OF 1	
DOCUMENT CATEGORY : I								
TO BE COMPLETED BY PURCHASER	1	General specification: IEEE 32	MR : 319000-00440-MR-1641-001					
	2		Standards, codes: IEC					
	3	Manufacturer:						
	4							
	5	ENVIRONMENTAL CONDITIONS						
	6	Installation (indoor/outdoor) / Ambient Type	OUTDOOR	TROPICAL/SALT SPRAY				
	7	Ambient Design Temperature	Max: 38 °C	Min: 6 °C				
	8	Altitude (if > 1000m)/Relative Humidity	a.s.l.: 900 m	Ref:319000-00000-JSD-GENG-0001				
	9							
	10							
	11	GENERAL REQUIREMENTS						
	12	System nominal voltage	7.2KV IEC and	6.93	kV nominal			
	13	Rated voltage between phase and neutral		4.005	kV			
	14	Fault current magnitude		25	A			
	15	Fault current duration		10	sec each hour			
	16	Continuous Current		8	A			
	17	Resistor rating / Tolerance		159	ohms / ±10%			
	18							
	19	FABRICATION DATA						
	20	Protection degree	IP: 54					
	21	Cable entry (top/bottom/side)	SIDE					
	22	Cable Type and Size on HV terminal box	Type BUSBAR	Size	5mm X 80mm			
	23	Cable Type and Size on earthing connection	Type PVC	Size	1 x 1C 120 sqmm ²			
	24	Cubicle heating / automatic with thermostat	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
	25	Painting (Mfr standard,... / color)	refer protective coating spec: 319000-00000-SP-2310-0001					
	26							
	27	ACCESSORIES						
	28	Current transformer	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
	29	Ratio	25/5 A					
	30	Power / Class	20VA / class 5P20					
	31	Entrance bushings	Neutral end	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
	32		Grounding end	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
	33	Lifting rings	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
	34	Grounding lugs	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
	35							
	36							
	37							
TO BE COMPLETED BY MANUFACTURER	38	MANUFACTURER'S DATA						
	39	Manufacturer / Frame Size / -	Hilkar, Turkey					
	40	Resistor element material	CrAl Resistance Wire					
	41	Enclosure material	AISI 304 (Stainless Steel)					
	42	Bushing Quantity / Type	N°: 1	Porcelain				
	43	Neutral bushing BIL	60 kV					
	44							
	45	Total Weight	140 kg					
	46	Overall Dimensions (Length / Width / Height)	L 1150mm	W 1010mm	H 765mm			
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	54							
	Notes:							