

PURCHASER'S DATA

A Site conditions					
1	Maximum ambient temperature:	39.8 °C	4	Relative humidity:	93 %
2	Minimum ambient temperature:	1 °C	5	Altitude	< 1000 m
3	Ground temperature:	°C	6	Environment:	Humid & corrosive
B Technical particulars					
1	System voltage		3	Conductor material	
	Nominal Highest Voltage grade				
	415 V 500 V 650/1100V	☒		MV Power cable	Aluminium
	3.3kV(E) 3.6 kV 1.9/3.3kV	☐		MV control cable	Copper
	3.3kV(UE) 3.6 kV 3.3/3.3kV	☐			
	6.6kV(E) 7.2 kV 3.8/6.6kV	☐	4	Installation under DGMS jurisdiction	No
	6.6kV(UE) 7.2 kV 6.6/6.6kV	☐			
	11kV(E) 12 kV 6.35/11kV	☐	5	Applicable spec.	6-51-0051 Rev 5
	11kV(UE) 12 kV 11/11kV	☐			
	22kV(E) 24 kV 12.7/22kV	☐			
	33kV(E) 36 kV 19/33kV	☐			
2	Frequency	50 Hz ± 3%			

MANUFACTURER'S DATA

1	Name of manufacturer		9	Inner sheath	
2	MR/PR item no.			Type of compound	
3	Cable type/ code			Thickness	mm
4	Conductor material		10	Nominal dia under armour	mm
5	Conductor semiconducting screen (HV cables)		11	Calculated dia under armour	mm
	Material		12	Armour	
	Thickness	mm		Material	
6	Insulation			Type	
	Type of compound			Size	
	Thickness	mm	13	Nominal dia under outersheath	mm
7	Insulation semiconducting screen (HV cables)		14	Calculated dia under outersheath	mm
	Material		15	Outersheath	
	Thickness	mm		Type of compound	
8	Copper tape			Thickness	mm
	Thickness	mm	16	Nominal outer dia of cable	mm
			17	Tolerance on outer dia	
			18	Weight of cable per km	kg
			19	Maximum drum length	mtr.

Notes

- 1 E- Earthed system
UE-Un Earthed system

A	23.12.10	ISSUED WITH TENDER	JDM	MKS	BRB
Rev. No.	Date	Purpose	Prepared by	Checked by	Approved by