

TECHNICAL SCHEDULES A AND B FOR
PROGRAMMABLE METERS

Schedule A: KEBU specific requirements

Schedule B: Guarantees and technical particulars of equipment offered

Item	Sub-clause	Description		Schedule A	Schedule B
		Reference standard (SANS/IEC or equivalent)		IEC 62052-11, IEC 62053-21, -31	xxxxxxxxxx
		Manufacturer		xxxxxxxxxx	
		- Country of origin / Place of manufacture / Place of testing			
		Type / Model		Solid state programmable	
		Connection		3-phase, 4-wire	
		Installation (outdoor / indoor)		Indoor	
		Number of elements		3	
		Rated voltage	V	400	
		Rated frequency	Hz	50	
		Variation in voltage	%		
		Accuracy class		1	
		Rated current	A	5	
		Mechanical and climatic requirements		IEC 62052-11	
		a) Insulation		Class II	
		b) Terminal arrangement		BS 5685-1	
		- Size of terminal holes	mm	8	
		c) Sealing arrangement			
		- body of meter		Yes	
		- terminal cover of meter		Yes	
		d) Overall dimensions of the meter (with tolerances)			
		- Height	mm		
		- Width	mm		
		- Depth	mm		
		e) Ingress Protection (IP) rating		52	
		f) Markings in compliance with requirements of this specification?		Yes	

Item	Sub-clause	Description		Schedule A	Schedule B
		Electrical requirements			
		a) Meter provided with internal battery?		Yes	
		- battery reserve and life	hrs / years		
		b) Number of auxiliary inputs		2	
		c) Number of auxiliary outputs		4	
		d) Lightning protection	Yes/No	Yes	
		e) Over voltage protection	Yes/No	Yes	
		phase auxiliary supply)			
		Functional requirements			
		a) Real-time clock comply	Yes/No	Yes	
		b) Calibration facilities comply	Yes/No	Yes	
		c) Local display			
		- Display type (LCD)		LCD	
		- Number of digits in display		7	
		d) Communication interfaces			
		- Optical port		IEC 62053-21	
		- Serial port (RS232 / RS485)			
		e) Load profile recording comply?			
		f) Event recording			
		g) Quality of supply monitoring		SANS 1816	
		- recording capabilities supported by the meter			
		h) Line loss compensation capabilities of the meter			
		i) Data retention	Years	10	
		Software			
		a) Programming and security comply?		Yes	
		b) Software documentation		Yes	
		c) Tariff implementation comply		Yes	
		d) Remote verification (i.e. data extraction) comply?		Yes	
		Self diagnostics	Yes/No	Yes	
		Is the meter programmable for external VTs and CTs?	Yes/No		
		Hand-held units available?	Yes/No		
		Capable of AMR	Yes/No		
		GSM modem required?	Yes/No		
		Documentation (drawings and manuals)		Yes	
		List of spares		Yes	
		Test and calibration requirements		IEC 62052-11	