

Selection guide

Diris

Which
application?

Which functions?

					
		DIRIS A-10	DIRIS A-14 DIN	DIRIS A-14 96 x 96	
General characteristics	Functions	CURRENT TRANSFORMERS			
	Remote display				
	Number of loads	1	1	1	
	Mounting	DIN	DIN or 96*96	DIN or 96*96	
	Power supply	AC	AC	AC	
	All In One	•	•	•	
	Optional modules				
	Ethernet (Modbus TCP / BACnet IP)	o / -	o / -	o / -	
	RS485 (Modbus / BACnet MSTP)	• / -	• / -	• / -	
	LoRaWAN				
	Profibus DPV1				
	Web server / File export	o / -	o / o	o / o	
	Max. number of inputs (digital / analogue)	1 / -			
	Max. number of outputs (digital / analogue)	1 / -			
Manage energy consumption	4 quadrant energy metering	•	•	•	
	Record consumption		•	•	
	Rebilling of energy (MID)		•	•	
	Multi-tariff management	2	4	4	
Monitor the installation	Instantaneous, average, min and max values	•	•	•	
	Voltage unbalance measurement				
	Neutral current (measured/calculated)	- / •	- / •	- / •	
Checking the power quality	Harmonic analysis (THD/Individual)	• / -	• / -	• / -	
	Detection of dips and interruptions				
	Overvoltage detection				
	1/2 cycle RMS curves on events				
Equipment management	Operating hours	•			
	Number of operations (info / alarm)				
	Protective device monitoring (on/off/tripped)	•			
	Predictive power analysis and load shedding				

•: built into the device. o: optional via DIRIS Digiware M-50/M-70 or modules.

Which
dimensions?

Which
communication
protocol?

Which options?

								
DIRIS A-20	DIRIS A-30/A-41	DIRIS A-60	DIRIS B-10	DIRIS B-10L	DIRIS B-30	DIRIS A-40 Modbus	DIRIS A-40 Modbus + Profibus	DIRIS A-40 Modbus + Ethernet
	CURRENT TRANSFORMERS		SMART SENSORS					
			•	•	•			
1	1	1	1 to 4	1 to 4	1 to 4	1		
96 x 96	96 x 96	96 x 96	DIN	DIN	DIN	96 x 96		
AC	AC/DC	AC/DC	AC	AC	AC	AC/DC		
						•		
•	•	•	•	•	•			
0/-	0/-	0/-	•/0		•/0	-/-	-/-	•/•
•/-	•/-	0/-	•/0		•/0	•/-	•/-	•/-
				•				
	0		0		0	-	•	-
0/0	Via DIRIS Digiware M-70		0/0		0/0	0/0	0/0	•/•
3/-	6/4	6/4	10/8 (with optional modules)			3/-		
1/-	6/4	6/4	8/8 (with optional modules)			2/-		
•	•	•	•	•	•	•		
	0	•			•	•		
8			8		8	8		
•	•	•	•	•	•	•		
•	•	•	•	•	•	•		
•	•	•	•	•	•	•		
-/•	• (with A-41)	•	•/•	•/•	•/•	-/•		
•/-	•/•	•/•	•/-	•/-	•/•	•/•		
		•			•	•		
		•			•	•		
•	•	•	•		•	•		
•/-	•/-	•/-	•/-	•/-	•/•	•/•		
•	•	•	•	•	•	•		
	•	•			•	•		