

Selection guide

Multifunction meters

DIRIS

Single-circuit metering,
measurement &
analysis

Which
application?



Which
functions?



DIRIS A-10
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DIRIS A-14 DIN
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DIRIS A-14 96 x 96
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	Functions	CURRENT TRANSFORMERS		
General characteristics	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)	• / -	• / -	• / -
	Profibus DPV1			
	Webserver / File export	o / -	o / o	o / o
Max. number of inputs (digital / analogue)	1 / -			
Max. number of outputs (digital / analogue)	1 / -			
Manage energy consumptions	4-quadrant energy metering	•	•	•
	Load curves (local memory)		•	•
	Rebilling of energy (MID approved)		•	•
	Multi-tariff management	2	4	4
Monitor the electrical installation	Instantaneous, average, min and max values	•	•	•
	Voltage unbalance measurement			
	Neutral current (measured / calculated)	- / •	- / •	- / •
Check the power quality	Harmonic analysis (THD / Individual)	• / -	• / -	• / -
	Dip and swell detection			
	Overcurrent detection			
	1/2 cycle RMS curves on events			
Manage the loads	Operating hours	•		
	Number of operations (info / alarm)			
	Protective device monitoring (on / off / tripped)	•		
	Predictive power analysis and load shedding			

•: integrated in the product.

o: optional via DIRIS Digiware M-50/M-70 or modules.

Which dimensions?

Which communication protocol?

Which options?



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DIRIS A-30/A-41
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DIRIS A-60
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DIRIS B-10
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DIRIS B-30
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DIRIS A-40
Modbus
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DIRIS A-40
Modbus +
Profibus
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DIRIS A-40
Modbus +
Ethernet
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CURRENT TRANSFORMERS

SMART SENSORS

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