

TECHNICAL DATASHEET

PRODUCT: EL 6400, CLASS 0.5 MFM



Performance		Parameters	
Input, measurement and display	Net	Three-phase three-wire, three-phase four-wire	
	Voltage	Rated value	AC100V, 400V (Please specify the model when ordering)
		Overload	Sustained: 1.2 times Transient: 10 times/10s
		Power dissipation	< 1VA (per phase)
		Impedance	>500KΩ
		Accuracy	RMS measurement, accuracy class 0.5
	Current	Rated value	AC1A, 5A (Please specify the model when ordering)
		Overload	Sustained: 1.2 times Transient: 10 times/10s
		Power dissipation	<0.4VA (per phase)
		Impedance	<2mΩ
		Accuracy	RMS measurement, accuracy class 0.5
	Frequency	40~60Hz, accuracy of 0.1Hz	
	Power	True power, reactive power, apparent power, accuracy class 0.5	
	Electric energy	Four-quadrant measurement, accuracy class 0.5 for active power and accuracy class 1 for reactive power	
Display	Programmable, switchover and periodic (LED) display		
Power supply	Frequency	AC/DC 85~270V	
	Power	<5VA	
Output	Electric energy	RS-485, MODBUS-RTU protocol	
	Display	Two-way electric energy pulse output, electric energy pulse output, optically coupled relay	
Environment	Working range	-10~55°C	
	Power dissipation	-20~75°C	
Safety	Withstand voltage	Input/Power supply >2kV, Input/Output>2kV, Power supply/Output>1kV	
	Insulation	Input, output and power supply against the enclosure >5MΩ	