

Easergy P3 contains

Two main devices, each with specific functions to address your needs in a one-box design, regardless of application.

Feeder

Transformer

Motor

Generator

Characteristics

	Phase current
Measuring inputs	Residual current
	Voltage
Arc-flash sensor input	
Digital	Input
	Output
Analogue	Input
	Output
Temperature sensor input	
Front port	
Nominal power supply	
Ambient temperature, in service	

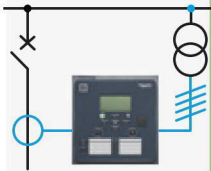
Communication

Rear ports	RS232, IRIG/B, RS485, Ethernet
	IEC61850 ed1 & ed2
	IEC 60870-5-101 & 103
	DNP3 over Ethernet
	DNP3 serial
Protocols	Modbus serial
	Modbus over Ethernet
	Ethernet IP ⁽⁶⁾
	Profibus DP
	SPAbus
Redundancy protocols (RSTP/PRP)	

Others

Control	
Logic (Matrix + Logic equation)	
Withdrawable CT connector with shorting	
Remote HMI	
Hardware dimensions (W/H/D)	

Easergy P3 Standard



P3U10

P3U20

P3U30
with directional O/C
with voltage protection

1/5A CT or LPCT (x3) ⁽⁵⁾		
1/5A CT or 0.2/1A CT or CSH 2A/20A		
VT (x1)		VT (x4) or LPVT (x4) ⁽⁵⁾
-		
2	10/8	14/16
5 + SF	5/8 + SF	11/8 + SF
-	0 or 4 ⁽¹⁾	
-	0 or 4 ⁽¹⁾	
-	0 or 8 or 12 ⁽¹⁾	
USB type B		
24V dc or 24-48V dc or 38.4-265V dc or 48-230V ac ⁽⁴⁾		
-40 to 60°C (-40 to 140°F)		
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
-	●	●
1 object 1 display	4 objects 4 display	4 objects 8 display
●		
●		
-		
171 x 176 x 214 ⁽³⁾ mm / 6.73 x 6.93 x 8.43 in		