



ECP140D

1 Phase kWhmeter direct 40A 1M S0 MID

Technical Features

Architecture

Type of pole	1P+N
--------------	------

Electric current

Rated current	40 A
---------------	------

Capacity

Number of modules	1
-------------------	---

Connectivity

Type of connection	Direct connection
--------------------	-------------------

Dimensions

Height	92 mm
Width	18 mm
Depth	60 mm

Equipment

Type of pulse generator	Electrical
-------------------------	------------

Compatibility

Suitable for	Purchase/supply
--------------	-----------------

Connection

Cross-section of metering input	16 - 16 mm ²
Cross-section of metering output	16 - 16 mm ²

Installation, mounting

Nominal tightening torque	1 - 1 Nm
Mounting on	DIN rail

Mechanical features

Nominal tightening torque digital terminal	0.50 - 0.50 Nm
--	----------------

Measurement

Measuring system	Direct measurement
Type of measuring instrument	Electronic
Current measurement range	0.25 - 40.0 A
Measurement range voltage Ph-N	184 - 276 V
Frequency measuring range	45 - 65 Hz

Power supply

Number of phases for power supply	1
-----------------------------------	---

Functions

Accuracy class	B
Tariff type	One-tariff
Is calibrated	Yes

Safety

Ingress Protection (IP) class	IP20
-------------------------------	------

Use conditions

Operating temperature	-25 - 55 °C
Storage/transport temperature	-25 - 70 °C

Power

Power consumption VA	2 VA
Total power loss under IN	1 W

Electric current	
Maximum measuring circuit current	40 A
Frequency	
Frequency	50 - 50 Hz
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes