



Main

Range	Acti9
Range of product	Acti9 iEM3000
Device short name	iEM3200
Product or Component Type	Energy meter

Complementary

Poles description	1P + N 3P 3P + N
Type of measurement	Active energy
Device Application	Sub billing Partial meter
Accuracy class	Class 0.5S active energy IEC 62053-22 Class 0.5S active energy IEC 61557-12 Class C active energy EN 50470-3
Input type	External CT 1 A or 5 A
Line Rated Current	5 A 1 A
Rated voltage	100...277 V 173...480 V
Network Frequency	60 Hz 50 Hz
Technology Type	Electronic
Display Type	LCD display
Sampling rate	32 samples/cycle
Measurement current	1...32767000 mA
Maximum value measured	99999999 MWh
Communication port protocol	-
Communication port support	-
Local signalling	Green indicator light power ON Yellow flashing LED accuracy checking
Number of inputs	0
Number of Outputs	0
Mounting Mode	Clip-on
Mounting Support	DIN rail
Connections - terminals	Current circuit screw terminals 0.01 in ² (6 mm ²) Voltage circuit screw terminals 0.00 in ² (2.5 mm ²)
Overvoltage category	III

Standards	BS EN 61557-12 IEC 61557-12 EN 61557-12 BS EN 61326-1 IEC 61326-1 EN 61326-1 BS EN 62052-11 IEC 62052-11 EN 62052-11 BS EN 62053-21 IEC 62053-21 EN 62053-21 BS EN 62053-22 IEC 62053-22 EN 62052-22 BS EN 62052-31 IEC 62052-31 EN 62052-31 BS EN 61010-1 EN 61010-1 IEC 61010-1 UL 61010-1 BS EN 61010-2-30 IEC 61010-2-30 EN 61010-2-30 UL 61010-2-30 ANSI C12.20
Product certifications	CE IEC 61010-1 safety) CE EN 61557-12 power monitor) CE EN/IEC 61326-1 EMC) UKCA BS EN 61010-1 safety) UKCA BS EN 61557-12 power monitor) UKCA BS EN 61326-1 EMC) CULus UL 61010-1 safety) CULus EN 61010-1 safety) EAC sub-meter) RCM NMI M 6-1 KZ NMI NMI M 6-1

Environment

IP degree of protection	Front panel IP40 IEC 60529 Body IP20 IEC 60529
Pollution degree	2
Relative humidity	5...95 % 122 °F (50 °C)
Ambient air temperature for operation	-13...131 °F (-25...55 °C) - IEC
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Operating altitude	< 6561.68 ft (2000 m)
Color	White
9 mm pitches	10
Width	3.54 in (90 mm)
Height	3.74 in (95 mm)
Depth	2.72 in (69 mm)

Ordering and shipping details

Category	09786-SE ENTRY POWER METER
Discount Schedule	PL1
GTIN	3606480481536
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.35 in (8.5 cm)
Package 1 Width	3.78 in (9.6 cm)
Package 1 Length	4.13 in (10.5 cm)

Package 1 Weight	11.82 oz (335 g)
Unit Type of Package 2	S03
Number of Units in Package 2	30
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	23.31 lb(US) (10.571 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	240
Package 3 Height	5.91 in (15 cm)
Package 3 Width	31.50 in (80 cm)
Package 3 Length	47.24 in (120 cm)
Package 3 Weight	190.71 lb(US) (86.504 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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