



PRODUCT-DETAILS

INS-E3

METERING MODULE 40mA SCU200



General Information	
Extended Product Type:	INS-E3
Product ID:	2CCG001159R0001
EAN:	7612271516291
Catalog Description:	METERING MODULE 40mA SCU200
Long Description:	INS-E3 is an energy meter module part of the InSite Energy Management System product range
Display Name:	INS-E3

ABB EcoSolutions	
ABB EcoSolutions Profile:	9AKK108472A1200
Recyclability Rate of the Product acc. to EN45555:	Design for Closing Resource Loops - Standard EN45555 - 46.25 %
Sustainable Material Content in Packaging (wt. %):	Recycled Cardboard - 82.06 %

Improved Energy Efficiency for Customers:	Process Efficiency - Product improves/optimizes process Process Efficiency - Product contribute to making customer's operations more resilient and reliable Digital Efficiency - Product is digitally-supported to optimize usage and eventually optimize customer asset
Extended Product Lifetime:	Lifetime extension of customer's assets is made possible thanks to offering and the supporting services
Offered with Takeback Services:	Take Back for Recycling
End Of Life Disassembling Instructions:	9AKK108470A1391
Environmental Product Declaration - EPD:	9AKK108470A0919

Technical

Application:	Power quality
Product Compatibility:	SCU200
Rated Operational Current AC-15 (I_e):	0.7 A
Communication Interface:	InSiteModularBus
Accuracy:	0.5% Activeenergy (1/0.8 PF)
Number of Phases:	1-phase 3-phase
Technical Information:	Equips the main control unit (SCU200, SCU200-W) with metering capabilities and can measure all important variables of mains supply like current, voltage, powerfactor, current quadrant etc. It is possible to connect specific split core transformers (INS - CTX) with a rated current measurement capabilities of upto 80A. The data collected can be viewed on the SCU200's main web server and used for basic data export or advanced features like full energy monitoring, management of tariffs, and setting alarms.

Electrical

Supply Voltage:	240 V
Voltage Range:	0 - 277 V
Rated Current (I_n):	0 - 40 mA
Frequency (f):	50/60 Hz
Power Consumption (@P_{cons}):	0.007 kW
Power Supply Type:	Bus System

Material Compliance

RoHS Declaration:	9AKK108468A4471
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date:	20241030
REACH Declaration:	9AKK108467A9482
REACH Information:	False - does not contain substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT):	9AKK108468A3363
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

WEEE B2C / B2B:

Business To Business

Environmental

Ambient Air Temperature:	Operation -25 ... 60 °C
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Degree of Protection:	IP20
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Maximum Operating Altitude Permissible:	2000 m
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Dimensions

Product Net Width:	17.4 mm
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Product Net Height:	87 mm
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Product Net Depth / Length:	64.9 mm
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Product Net Weight:	52 g
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Ordering

Package Level 1 Units:	box 1 piece
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Package Level 1 Gross Weight:	53 g
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E-Number (Finland):	6719027
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E-Number (Norway):	8002539
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E-Number (Sweden):	0985030
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Certificates and Declarations

Declaration:	CE UKCA REACH RoHS
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Declaration of Conformity - CE:	9AKK108468A4471
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EU Data Act Compliance Declaration:	9AKK108471A5056
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Installation

Mounting Type:	DIN-Rail
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Popular Downloads

Data Sheet, Technical Information:	9AKK108467A9557
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External Classifications and Standards

ETIM 9:	EC002758 - Energy management controller
ETIM 10:	EC002758 - Energy management controller
UNSPSC:	41111928
Standards:	EN 61010-1 / IEC 61010-1 EN IEC 61326-1

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > InSite Pro M Compact

