

DDS686(QBM11) Series Electronic Meter



1 Overview

DDS686 (QBM11-1):

1. Bidirectional measurement of active energy
2. LED impulse output for calibration
3. Data reserved over 100 years under power off

2 Technical parameters

Specification		DDS686(QBM11-1)
Standards		IEC 62052-11:003
Accuracy	Active	1.0
voltage	Rated current	127V, 230V
	Range	0.8Un~1.2Un
	Limit	1.7Un-1.3 Un
Frequency		50Hz/60Hz
Current	Range	5(30)A, 5(60)A, 10(100)A
Starting Current		0.4%Ib
Constant	Active	3200, 1600, 800 imp /KWh
Display	Type	Register
	Digit	5+1, 6+0, 6+1
Power Consumption	Voltage Circuit	≤1.0W, 10VA
	Current Circuit	≤1VA
Communication	Interface	\
Temperature Condition	Work Temperature	-25°C~+55°C
	Storage Temperature	-35°C~+70°C
Humidity		≤85°C
IP grade		IP51
Dimension		160×112×60mm
Weight	Net weight	0.5kg
	Weight	1.0kg

DDS686(QBM12) Series Electronic Meter

1 Overview

DDS686(QBM12-1)/(QBM12-2)

1. Bidirectional measurement of active energy
2. Extension terminals cover, in order to protect to use safety
3. Standard: BREBP ublication: 379.1999, Revision: 8, Date: September, 2014
4. LED lights: Power, Pulse, Tamper, Reverse
5. 8 digits display energy, 7 digits for serial No. and instant value measurement
6. Maximum demand: monthly billing, Billing date/time set up
7. Supply more tamper type, Neutral line sensor for tampering-proof, Detecting bypass, neutral line earthed, etc.
8. Neutral Missing start power: 100w
9. Instantaneous value measurement (kW, V, A, kVA, kVar, Cos, Hz)
10. Display readable without main power (RWP)
11. LCD backlights to increase readability in low light conditions

DDS686
(QBM12-1)



DDS686
(QBM12-2)



2 Technical parameters

Specification		DDS686(QBM12-1)	DDS686(QBM12-2)
Standards		IEC 62052-11:2003	IEC 62053-21:2003
Accuracy	Active	1.0	1.0, 0.5
voltage	Rated current	230V	230V
	Range	0.8Un-1.2Un	0.8Un-1.2Un
	Limit	1.7Un-1.3 Un	1.7Un-1.3 Un
Frequency		50Hz	50Hz
Current	Range	10(60)A	10(60)A
Starting Current		0.4%Ib	0.4%Ib
Constant	Active	1600imp/KWh	1600imp/KWh
Display	Type	LCD	LCD
	Digit	6+2+7	6+2+8
Power Consumption	Voltage Circuit	≤1.0W, 10VA	≤1.0W, 10VA
	Current Circuit	≤1VA	≤1VA
Communication	Interface	\	\
Temperature Condition	Work Temperature	-25°C~+55°C	-25°C~+55°C
	Storage Temperature	-35°C~+70°C	-35°C~+70°C
Humidity		≤85°C	≤85°C
IP grade		IP51	IP51
Dimension		160×112×60mm	210×141×61mm
Weight	Net weight	0.5kg	0.8 kg
	Weight	1.0kg	1.2 kg