

Class1

## BACK UP

32A type MCB maximum

For fuse=25A, tripping characteristic B;

Minimum section  $2.5\text{mm}^2$

For fuse=32A, tripping characteristic B;

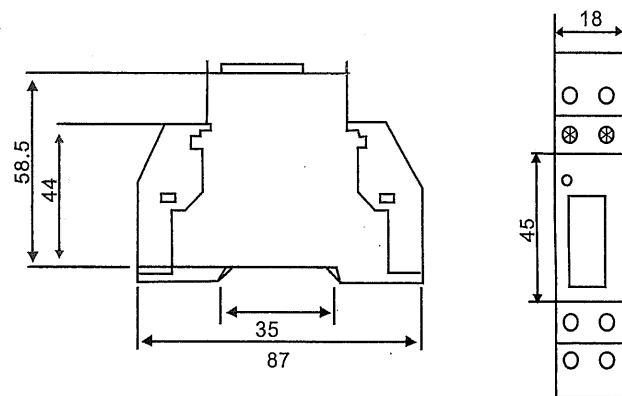
Minimum section  $4\text{mm}^2$

## WARRANTY

Warranty is 24 month

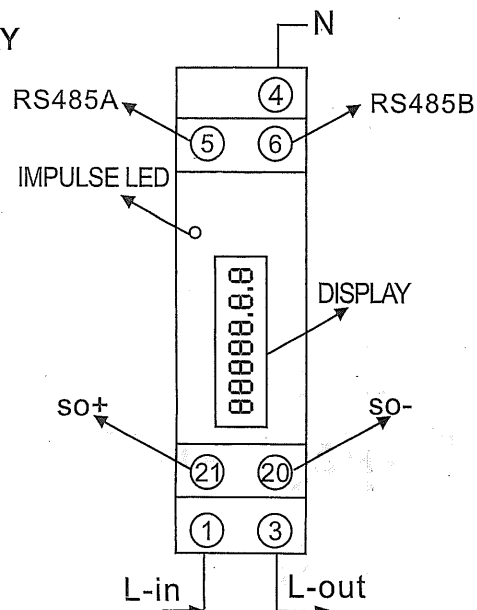
It is void if seal is removed/damaged.

## DIMENSION



# DDS238-1 ZN TYPE SINGLE PHASE ENERGY METER 5(32)A USER MANUAL

## SUMMARY



## TECHNICAL SPECIFICATION

STANDARD	IEC 62053-21(IEC61036) DL/T645-2007
NOMINAL VOLTAGE	120/220/230/240V (0.8UN~1.15UN)
BASIC CURRENT (Ib2)	5A
MAXIMUM CURRENT	32A
MINIMUM CURRENT	0.02A
FREQUENCY	50Hz or 60Hz
CONSUMPTION	<2W/10VA
ACCURACY CLASS	1
DISPLAY	6+1 DIGITS
INTERFACE	OPEN COLLECTOR OUTPUT(SO)
	18~27V 27mA
IMPULSES	IMPULSE LENGTH ≥ 30ms (as per DIN43684)

SERVICE TEMPERATURE LIMIT: -25°C+55°C  
L.E.D 1 COLOUR

NORMAL OPERATION  
PINK FLASHING RATE PROPORTIONAL TO LOAD  
(3200imp/kWh)

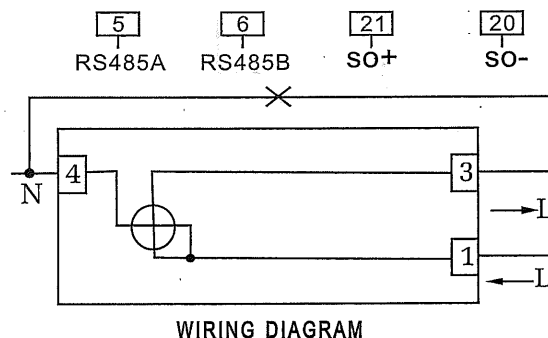
## INSTALLATION

MOUNTING DIN RAIL 35mm  
PROTECTION IP20(TERMINAL COVERS INCLUDED)  
DISPLAY:

INFORMATION	LCD DISPLAY
TOTAL kWh	XXXXXX.X
REAL CURRENT A	R XX.XX
REAL VOLTAGE V	U XXX.XX
REAL POWER W	P XXXX
POWER FACTOR COSΦ	PF X.XX

RS485 COMMUNICATION BAUD RATE:9600 bps  
PROTOCOL: MODBUS-RTU OR DL/T645-2007

## WIRING



WIRING DIAGRAM