

iSolar Data Logger / BACnet Gateway

DL3



Function

The DL3 data logger enables the acquisition and storage of large amounts of data (such as energy metering and recorded values of the solar system) over a long period of time when connected to up six iSolar controllers. Additionally the DL3 has three inputs for Pt1000 temperature sensors and one 4-20 mA Current Loop analog input. The DL3 is compatible with all iSolar controllers with VBus data connection terminals and is connected to the VBus with two conductor wire (bell wire) at least 20 AWG up to a distance of 150 feet.

The DL3, when connected to a network through the integrated Ethernet socket, can be configured and viewed with any standard internet browser via its integrated web interface. BACnet/IP functionality for BACnet-conform transmission and reception of data is built-in. A configuring IP address and password protection allows for access from any PC with an LAN connection for system monitoring of energy metering or for reviewing system performance, without additional software. Download data through the web interface, an SD memory card or USB cable for further data processing in spreadsheet programs.

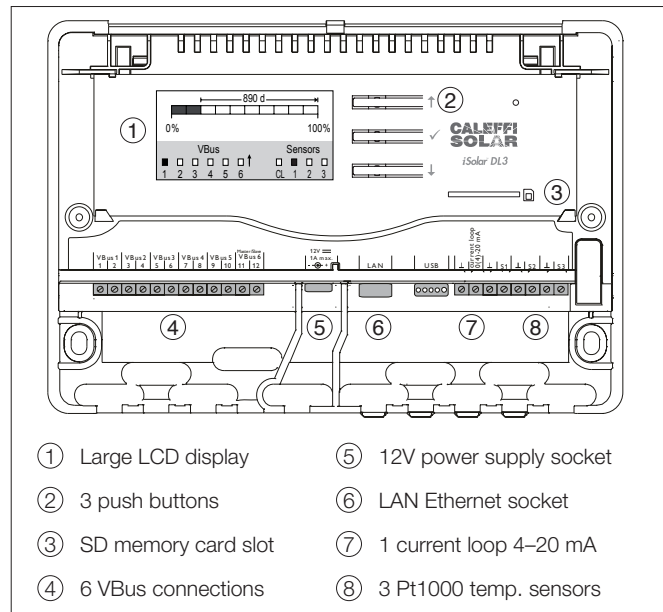
Product range

Code 257204A DL3 data logger connects to VBus data terminals on up to six iSolar controllers with BACnet/IP remote access built-in

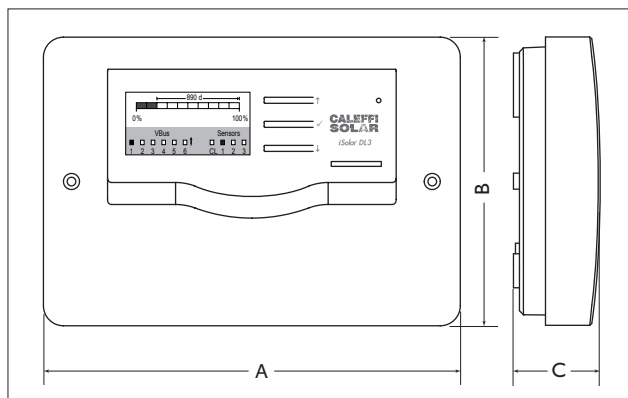
Technical specifications

Housing:	PC-ABS and PMMA
Protection type:	indoor
Ambient temperature:	32 ... 100° F (0 ... 40° C)
Mounting:	wall
Display:	full graphic display and operating control LED
Operation:	via three push buttons
Input voltage:	12VDC
Power voltage adapter:	100 ... 240 V~
Rated current:	1 Amp
VBus device inputs:	6
Pt1000 temperature sensor inputs:	3
4-20 mA current loop input:	1
Ethernet connection:	integrated RJ45 socket
USB master:	connection cable
Data access:	integrated SD slot
Memory:	internal memory
BACnet/IP:	PICS

Operating controls, display and connection



Dimensions



Code	A	B	C	Ø	Weight (lb)
257204A	8 1/8"	5 5/8"	1 11/16"	1/4" mount	3.0

System layout

