Data Shuttle

Operation instructions
Model 85307-DS

Description

Model 85307-DS is a compact data module for collecting log files from SKF 85307 controllers on site for later download to a PC for analysis. Up to 256 files are stored by serial number on a first in first out basis. For added security, lock and unlock buttons restrict access to setup mode preventing configuration changes and tampering.

Connect Data Shuttle to controller

Directly connect the Data Shuttle to the 85307 controller when it is on. Data Shuttle is powered by controller.

Version 01

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Connect Data Shuttle to PC

Pass-through mode allows connection directly to a PC for live analysis. Connect small end of micro USB cable to port on bottom of Data Shuttle and the other end to USB port on PC. Data Shuttle is now accessible through Data Shuttle software. Download the software here SKF 85307 controller or copy and paste this link into your browser https://www.skf.com/us/products/lubrication-solutions/lubrication-system-components/control-units-and-software/control-units/85307/index.html

To push a configuration from 85307-DS to 85307, serial number in PC software must match serial number of controller that data is to be written to.
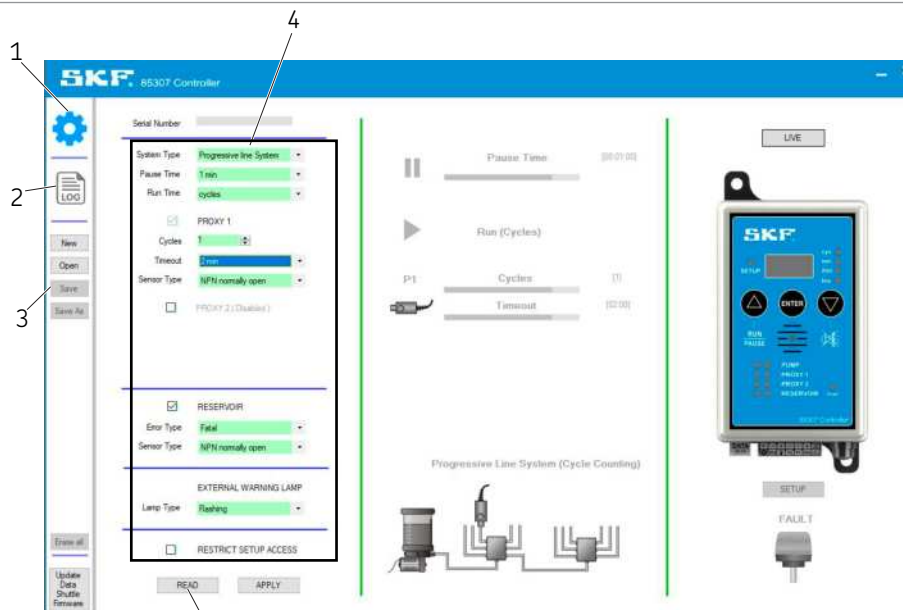
Control and indicator key Fig. 1

5

4
3
2

1

4.4 in
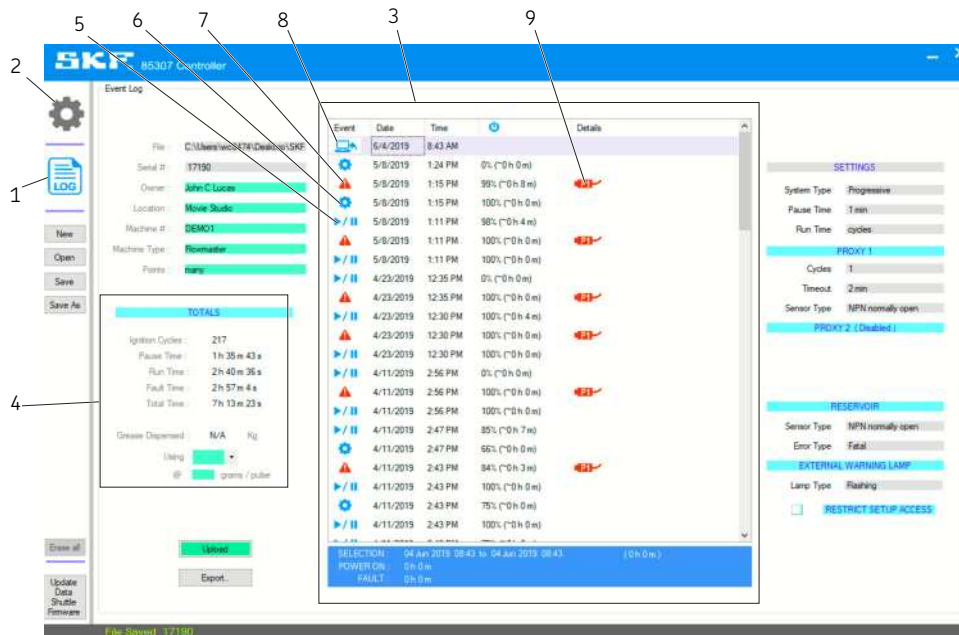(114 mm)

1.4 in
(35.7 mm)

6

1.01 in
(25.8 mm)

Fig. 2

Table Fig. 1

Item	Description	Item	Description
1	Lock/unlock buttons: Allow restriction or access to settings mode on controller. When locked, controller can only be unlocked by connecting any 85307-DS Data Shuttle and pressing unlock button.	4	Dual color green/red status
2	Settings button: This button enters/exits settings mode without need to power-cycle controller.	5	LED Connector
3	Download button: When connected to 85307 controller, press to download controller's data log. LED will light up when download is complete.	6	Micro USB

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Fig. 3

Item	Description
1	Access pump settings
2	Access data log tab
3	Save current config/log or access previously saved configurations/logs
4	Pump control parameters
5	Extract data from Data Shuttle

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Fig. 4

Item	Description
1	Access data log
2	Access pump settings tab
3	Data history log
4	Pump time summary
5	Run/pause button pressed. Also resets faults.
6	Settings changed
7	Fault logged
8	History upload
9	Proximity/sensor 1 timeout
10	Break or gap in records
11	Proximity/sensor 2 timeout
12	Low level
13	Pump overload or short circuit
14	Pump open circuit
15	This field indicates percentage of elapsed time between this event and next event, that controller was powered up (on). The number in brackets is an estimation of how much time the controller was on between the two events. Minimum time is 4 minutes.

Warranty

The instructions do not contain any information on the warranty. This can be found in the General Conditions of Sales, available at: www.skf.com/lubrication.

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