

Distribution Box

Part no. ICS-DB-DC-1

The distribution box enables the laser interlock operator cable to connect between the laser and the laser safety interlock control system. The distribution box is normally wall mounted.

The ICS-DB-DC-1 has dual channel interlock operator connections and no shutter connections and can be monitored.

Installation Data (Issue 3 20 April 2015)

This distribution box provides a connection point for a dual channel laser interlock output. Pins are also provided for a dual channel feedback connection to the interlock controller output monitor inputs.

The output socket is an 8-way DIN connector. The connections to the laser interlock controller are via an 8-way terminal block in the box. All signals are provided with two terminals to allow volt-free contacts to be used.



Connections: DIN Connector Pin Terminal Signal

DIN Connector Pin	Terminal	Signal
1	1	Interlock operator channel A
2	2	
3	3	Interlock operator channel B
4	4	
5	5	Feedback channel A
6	6	
7	7	Feedback channel B
8	8	

The two Interlock Operator channels should be wired to two interlock operators in the ICS.

Feedback channel A should be wired to J14 Output Monitor A.

Feedback channel B should be wired to J14 Output Monitor B.