

Wiring Instructions for Lasermet LS-20 Distribution Boxes

Part No. ICS-DB20-0/X

Shutter Outlets

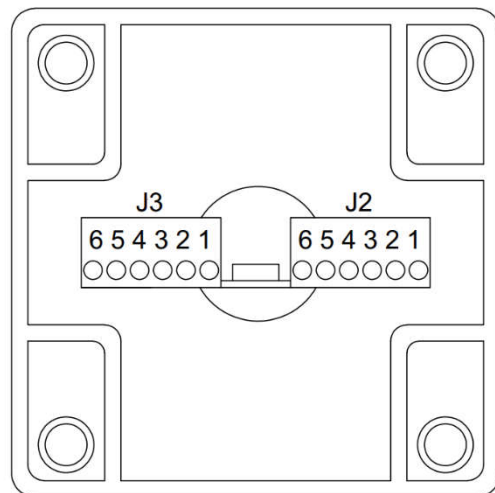
These have a 15-pin socket and an indication LED.
Connections are as follows:

J2

Terminal 1	Control + 24 VDC (switched / interlocked)
Terminal 2	0 V
Terminal 3	Monitor +24VDC
Terminal 4	Remote Open
Terminal 5	Open Status
Terminal 6	Closed Status

J3

Terminal 1	Monitor 1 Open
Terminal 2	Monitor 1 Common
Terminal 3	Monitor 1 Closed
Terminal 4	Monitor 2 Open
Terminal 5	Monitor 2 Common
Terminal 6	Monitor 2 Closed



These connections correspond to the pins on the 15-pin D-connector as shown below. These can be cross referenced to the connections for the LS-20 series of beam shutters, shown in the corresponding manual.

15-Pin D-Connector

1	0V
2	Monitor Contact 1 'Open'
3	Monitor Contact 1 Common
4	Monitor Contact 1 'Closed'
5	Monitor Contact 2 'Open'
6	'Open' +24V output
7	Monitor Contact 2 Common
8	Remote Open Command +24V Input
9	Monitor Contact 2 'Closed'
10	Monitor Supply +24V
11	'Closed' +24V output
12	Control Supply +24VDC input
13	Not used
14	Not used
15	Not used

ICS-DB20 Distribution Box

J2 Terminal 2
J3 Terminal 1
J3 Terminal 2
J3 Terminal 3
J3 Terminal 4
J2 Terminal 5
J3 Terminal 5
J2 Terminal 4
J3 Terminal 6
J2 Terminal 3
J2 Terminal 6
J2 Terminal 1