



Purpose: Module will display the active state of the laser interlock system to warn personnel of laser operation. Three modes can be displayed: Laser Safe, Danger Laser On, Laser On. The Yellow laser triangle warning can be set for strobing or non-strobing operation.



Front



Rear



Side

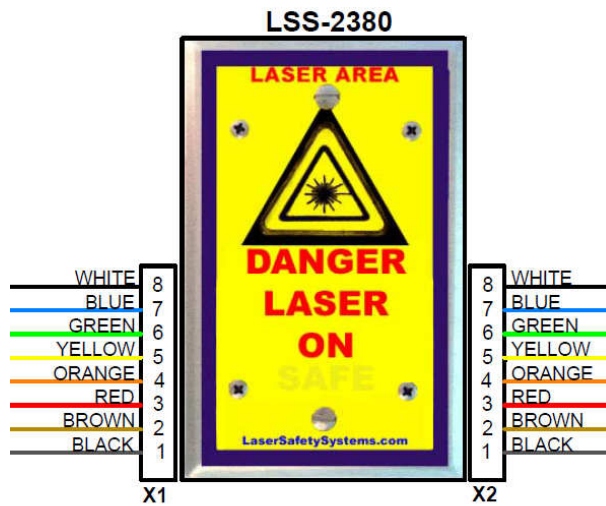
Dimensions: Width 2.8 inches Height 4.53 inches Depth in box 0.5 inches

Packaged weight: 85 grams

Typical installation location: At entryway door exterior. Typically 6 feet AFF on handle side of door.

Typical mounting: This module can be surface mounted in a single-gang outlet box or it can mount flush to wall surface using a new-work or old-work single-gang outlet box.

Typical connection schematic:



Technical Data

Electrical

Voltage	24VDC
Current consumed	20mA
Endurance	20,000 hours

Mechanical

Terminal Accommodations	#22 AWG – #16 AWG
Environmental	Indoor usage
Flammability	UL94 V0
Operating Temperature	Maximum continuous +50°C, minimum -15°C

Materials

Back Body	FR4 PCB
Front Body	Powder coated Steel
Label	Printed Polycarbonate F150
Label Adhesive	3M type 467
Terminal Screws	Steel, galvanized with Cr3+ plating
Terminal Contacts	Nickel-Plated copper alloy
Module polymer parts	Polyamide (UL94V-0)
Solder (thru hole)	Lead Free K100LD (Kester)
Solder (paste)	Lead Free Sn42/Bi57.6/Ag0.4
Screws	Stainless Steel
Spacers	Nylon or aluminum
Nuts	Zinc-Plated steel with nylon insert

3rd Party Compliance

LSS-2380 is exempted from inspection under UL 508A section 43.2.1 due to its low-voltage power-limited status.

Module meets UL94V-0 Flammability standard.

Module is part of an overall system certified to fulfill the electrical interlock requirements of ANSI Z136.1-2014 for the safe use of lasers and Article 330 of NFPA 70E

Warranty

3 Year

Part number for Ordering

LSS-2380 or LSS2380

Additional information

LSS2380 specific operation information is located on page 4 of the overall system user manual located at :
https://www.lasersafetysystems.com/Laser_Safety_Systems_user_manual.pdf