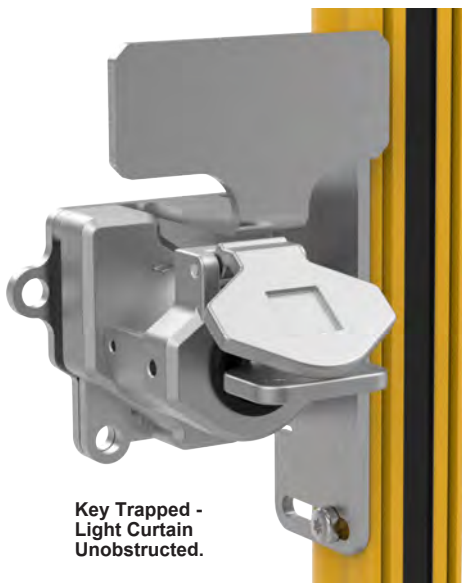


SKORPION Trapped Key Interlocking with Key Exchange

LIGHT CURTAIN BLOCKING DEVICE - LCB

NEW



Key Trapped -
Light Curtain
Unobstructed.



Key Removed -
Light Curtain
Obstruction
Locked in
Position.

APPLICATIONS & FEATURES

The Skorpio Trapped Key Light Curtain Blocking Device, is designed to be installed or retrofitted to provide a prohibitive blocking function, alongside compatible light curtain devices. While the light curtain installation is able to offer maximum accessibility to a machine or production line by removing or complementing the requirement for mechanical guarding, when installed correctly, the LCB device allows the user to safely lock-off and prohibit the re-engagement of the light curtain barrier. It also allows for this lock off to be integrated into a wider Skorpio trapped key system if desired. In addition, the Idem LCB provides dual lock-off functionality, allowing for an 8mm padlock hasp to be applied in either the light curtain operational, or light curtain blocked positions.

- Integrated mounting plate for easy and simple installation.
- Personnel key for protection against inadvertent startups.
- Padlocks and hasps can be applied for additional personnel entering.
- Robust stainless steel construction suitable for all environments.
- Different orientations and mounting brackets available.

TECHNICAL SPECIFICATIONS

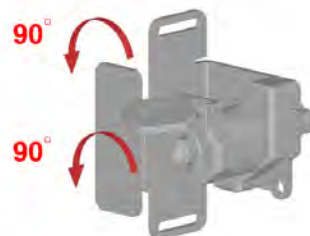
	SPECIFICATIONS
Construction	Stainless Steel
Operating Temperature	-20C. to +80C
Mechanical Life (B10d)	1,000,000 cycles

HOW DOES IT OPERATE?

Key inserted and in the open position "light curtain is active".



Key is rotated 90 degrees which drives the blocking plate.



Key is removed and the blocking plate is in the locked position "light curtain is not active".



FUNCTION

The LCB (Light Curtain Blocking) Device, is designed to provide prohibitive stop function in conjunction with compatible light curtain devices. In order to block the light curtain and lock off the machine, rotate the key from the horizontal position, 90 degrees and remove. The blocking plate should at this point fully obstruct the required light curtain beam / receiver. With the key removed, it is not possible to rotate the blocking plate away from the light curtain beam or sensor, and the machine is unable to restart. The device then offers an additional padlock hasp lockout point, to the side of the body. The operator is able if they wish to add additional padlock or hasps in this position when locked off, in order to further prevent unauthorised disengagement of the interlock.

To unblock the light curtain and allow for normal machine operation, insert the key, and rotate 90 degrees from the vertical position. This will retract the blocking plate to either the top or bottom of the interlock, allowing for the light curtain to function as normal. It is then possible to lock-out the device in this position, using the padlock hasp at the top of the device (right-handed variant) or at the bottom of the device (left-handed variant). This inhibits the unauthorised operation of the device, where this may not be desirable for any unauthorised personnel to operate and lock off the light curtain stopping the machine until disengaged.

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Palletizing application example.

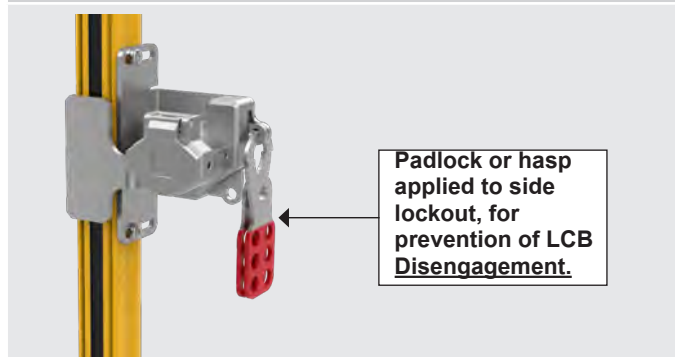


Integrates directly to the light curtain and provides a prohibitive blocking function for working safely inside the hazardous area.



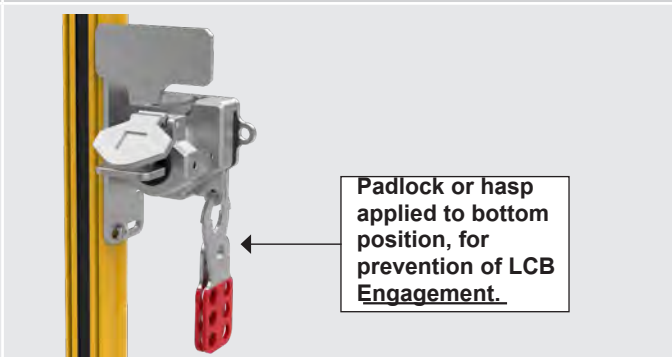
Once the key is removed, the operator takes inside the safeguarded area. This "key in pocket" solution reduces the likelihood of an inadvertent startup occurring.

SS-LCB-L-35-30 (Light Curtain Blocked – Locked off)



Padlock or hasp applied to side lockout, for prevention of LCB Disengagement.

SS-LCB-L-35-30 (Light Curtain Operational – Locked off)



Padlock or hasp applied to bottom position, for prevention of LCB Engagement.

ORDERING:

SALES NUMBER	DESCRIPTION
SS-LCB-L-35-30	SS Light Curtain Blocking Device (Left Handed) (35mm Blocking Depth) (30mm Bracket)
SS-LCB-R-35-30	SS Light Curtain Blocking Device (Right Handed) (35mm Blocking Depth) (30mm Bracket)
SS-LCB-L-75-30	SS Light Curtain Blocking Device (Left Handed) (75mm Blocking Depth) (30mm Bracket)
SS-LCB-R-75-30	SS Light Curtain Blocking Device (Right Handed) (75mm Blocking Depth) (30mm Bracket)

Please note: For non-standard blocking plate or bracket size requirements, please contact technical@idemsafety.com for further information.