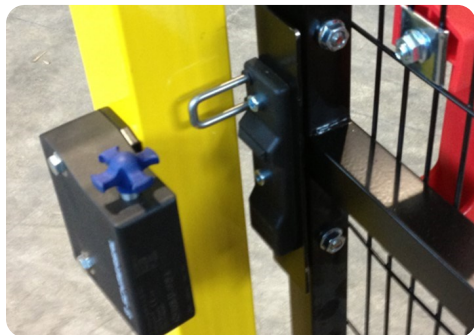# TECH BRIEF:
SCHMERSAL INTERLOCK DEVICES FOR SATECH GUARDS

SCHMERSAL offers a wide range of compatible safety locks, safety sensors, and other accessories to complete the safety guarding solution. These devices have stock mounting brackets and accessories for use with SATECH guards.

SATECH
Modular **Machine Guards**

AZM300
- Electronic Solenoid interlock
- RFID sensor, offers individual coding ("High" to ISO14119)
- 1,000 N Locking force
- Adjustable latching force 25/50N
- Symmetrical mounting for right- and left-hinged doors
- Can be used as end stop
- 3 actuating directions
- 3 LEDs signal operating status

AZM201
- Electronic Solenoid Interlock
- RFID sensor, offers individual coding ("High" to ISO14119)
- 2,000 N Locking force
- Door handle actuator
- Optional inside emergency exit handle
- Actuator retracts into handle
- 3 LEDs signal operating status
- Lockout/tagout devices available

BDF200
- Machine controls
- Housing matches AZM201
- Up to 4 control operations
- Control types:
    - E-Stop
    - Pushbutton
    - Illuminated pushbutton
    - Mushroom button
    - Signal light
    - Selector switch
    - Keyed selector
- Field customizable version

RSS16
- Electronic Safety Sensor
- RFID sensor, offers individual coding ("High" to ISO14119)
- 3 actuating directions
- Optional magnetic latch
    - 40 N from front or back
    - 60 N from top
- Tolerates misalignments
- Optional M12 connector
- Serial Diagnostic version
- Wire in series without detriment to the safety level (to PLe)
- LEDs for status signaling

SLC440
- Safety Light Curtain
- Multiple integrated functions:
    - blanking, double reset, contactor control automatic mode, re-start mode, and beam coding
- Extruded aluminum housing, rectangular profile 28 x 33mm
- Protection heights from 170 to 1930 mm
- 14 or 30 mm resolutions for point of operation guarding
- 2, 3, or 4 beam grid for perimeter guarding
- LED signal endcaps
- Bluetooth interface

SLC445
- Safety Light Curtain
- Muting function
    - Allows materials to pass in while not allowing workers
- Extruded aluminum housing, rectangular profile 28 x 33mm
- Protection heights from 170 to 1770 mm
- 14 or 30 mm resolutions for point of operation guarding
- 2, 3, or 4 beam grid for perimeter guarding
- LED signal endcaps

SCHMERSAL
THE DNA OF SAFETY