

Control / Solenoid
 24V AC/DC / 24V AC/DC
 110V AC / 110V AC
 230V AC / 230V AC

Part N°
 AMLOK024024
 AMLOK110110
 AMLOK230230

Handle operated solenoid controlled safety gate switch



The AMLOK has a heavy duty handle unit where the handle allows for a high degree of misalignment and can rotate in 90° increments. The handle can also be turned through 360° in 45° increments. It features a key operated auxiliary release, in the event of a power failure. Suitable for both sliding and hinged door applications the AMLOK is fitted with a shear pin to protect both machinery and personnel.

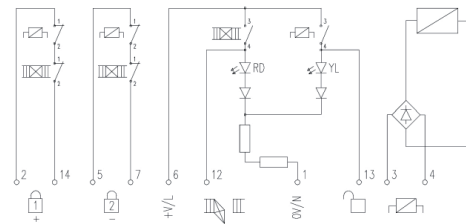
When the machinery is in operation the handle is trapped in the AmLok unit. The access door is locked closed. A solenoid controlled mechanism prevents the handle from being released. To open the guard door an operator must first select stop on the machine control panel. Only when the machine has completed its run down cycle will the solenoid be energised. At this point a yellow light on the unit indicates that the tongue actuator can be released.

When removed, a red light is illuminates indicating that access has been granted.

amGard range

amGard is a modular, heavy duty, control interlocking range that provides both safety and security. amGard incorporates dual channel safety circuits to allow cross monitoring. A variety of actuators and adaptable mounting arrangements results in a long life cycle and minimum downtime. Suitable for use in applications up to SIL3 (EN/IEC 62061), Category 4 and PLe (EN/ISO 13849-1), amGard is ideal for use in harsh environments and is tested to 1,000,000 operations.

Wiring Diagram



Dimensional Drawing

