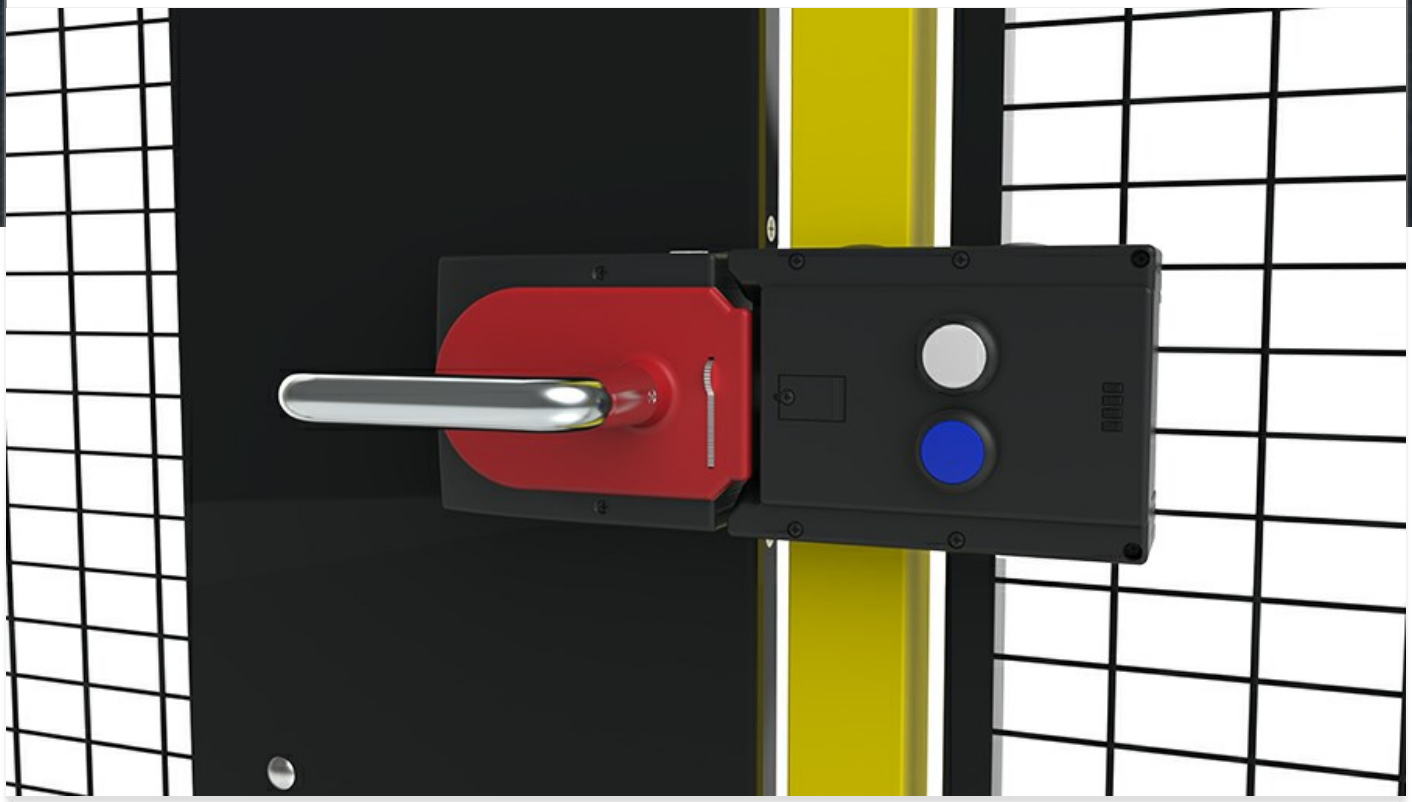
Euchner MGB lock

The Euchner MGB is a multifunctional interlock and guard locking system for machine safety. Featuring RFID detection, LED status indicators, and emergency release handles, it ensures top-level security (PLe/SIL 3). A mechanical override allows unlocking during power failure.



The MGB (Multifunctional Gate Box) is a unique interlock- and guard locking system for the protection of safety doors on machines and systems. The LED lights indicate information about the lock status.

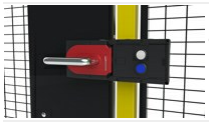
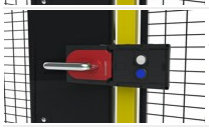
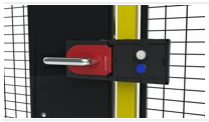
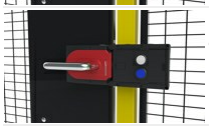
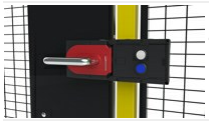
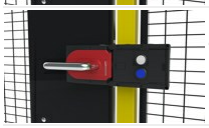
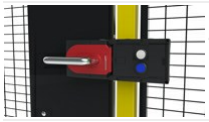
The lock has an intelligent plunge whose position is detected by an RFID transponder which has a unique code. This makes manipulation impossible while allowing that the MGB can achieve the highest safety category 4 / PLe according to EN ISO 13849-1 / SIL 3 of EN 62061.

Under the hood sits a mechanical unlocking system which makes it possible to open the lock on power failure. Euchner MGB has a mechanical door stop in the metal, and markings for easy adjustment of the handle module. The handle is made from strong and easy-grip metal, and can be rotated in 90 degree increments to suit the installation.

As an accessory there are emergency handles for mounting on the inside. It personally helps to evacuate the dangerous area in an emergency. The emergency release handle on the inside helps staff accidentally left in the danger zone. When activated, the door opens immediately and the machine is turned off.

During service execution inside the hazardous area a bolt tongue can be folded out, which prevents the door to be locked. On the jumper it's also room for three padlocks.

Models

ARTICLES / DESCRIPTION	
	B-135 Euchner MGB-L1H-ARA-R-121061 mechanical lock, left / right, two push buttons
	B-136 Euchner, emergency opening handle MGB 100465
	B-143 Cable 5m, M12, 8-pol
	**T10-30** Fittings, Euchner MGB hingedoor/slidingdoor, right/left
	**T10-31** Extra fittings for Euchner MGB with panic handle Ral9011, X-Guard
	**T10-33** Fittings, Euchner MGB Profinet Box hingedoor, right/left
	**T10-34** Fittings, Euchner MGB Profinet Box slidingdoor, right/left
	**T10-35** Extra MGB bracket, sliding door with centre locking, X-Guard
	**T10-36** Fittings (kit), Euchner MGB2 hingedoor, right/left
	**T10-37** Fittings (kit), Euchner MGB2 single sliding door, right/left