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New safety interlock range resists shock and vibration

Hercule rated IK08 and complies with IEC 60068-2-6

Industrial safety specialist [SERV Trayvou Interverrouillage \(STI\)](#) has developed a new trapped-key interlock that is highly resistant to external impacts and vibration. Rated IK08 and IP40, the Hercule range is mainly used in the energy sector for applications including switchgear, substations and wind turbines. The product range is compact and offers more than 1.7m key code combinations.



The Hercule's bolt lock and door lock can withstand a minimum of 60daN, and the whole range complies with [IEC 60068-2-6](#). Hercule is constructed from black anodised aluminium, aeronautical composite (65% glass fibre), brass, and 303 and 304 stainless steel. Two types of cylinder are available: an all-aluminium version or a mixed aluminium stator / composite rotor option.

Schneider Electric, Siemens, ABB and General Electric are among the low- and medium- voltage switchgear manufacturers who rely on the Hercule range.

The bolt lock is typically used to mechanically lock off switches and earthing switches. An enclosure can be added, with the switch's status being altered by the bolt when the key is turned. The bolt's position (in or out) determines the key status (trapped or free). Bolt locks can be fixed either from the cylinder side or the opposite side of the cylinder.

A new electromechanical solenoid lock which traps one or several keys is now available.

Company profile:

SERV Trayvou Interverrouillage (STI) has been producing industrial safety systems since 1894. Originally designed for rail applications, the company's products were quickly adopted by all industrial sectors thanks to their simplicity and effectiveness. STI provides safety interlocking systems to the rail, power generation, chemical, petrochemical, steel and food industries.

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