

SALUS20

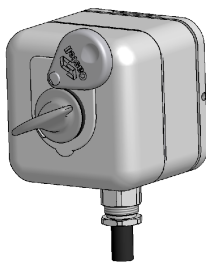
The Salus20 is a trapped key isolation switch capable of switching up to 20 amps. It combines an integrated flush mounted lock with sliding lock cover in a stainless steel sealed enclosure rated to IP65. The stainless steel housing has an ergonomic design that means the Salus20 has no potential areas for dirt to collect and trap. The Salus20 is also fitted with stainless steel glands further enhancing its suitability for harsh or corrosive environments and heavy use. Typical industries using the Salus20 are food, chemical, mining, steel and pharmaceutical.

Operation

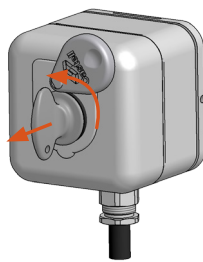
The Castell Salus range is used in various applications to control access to hazardous areas, especially in harsh or corrosive environments.

Salus20

① Key is trapped, power is on.



② Turn and remove key to change the switch condition and switch the power off.



③ Key is removed, power is off.



1. While the power is on and machine is running, the key is trapped in the Salus key switch.
2. By turning and removing the key, the power will be shut off by changing the switch contacts in the Salus20.
3. The key can be taken to gain access to machine area via a door interlock.

Usage

The Salus20 is designed to be part of a safety system and is used to isolate the power releasing a key which is then used to gain access to a hazardous area via an access interlock such as the Salus.



The Salus20 isolator key switch is not designed for security purposes or for switching loads greater than 20 amps.

No hazardous substances were used in the manufacture of this product. The product can be disposed of in standard waste.

Installation

The housing of the Salus20 should normally be mounted to a surface using suitable fasteners to fix the mounting bracket (see drawing on page 4 for more installation details).



The Salus20 key isolator switch must be installed by a competent and qualified person who has read and understood these instructions. Please retain this document in your technical file.

Maintenance

Periodic visual checks should be carried out by the site manager / safety officer.
Do not lubricate lock barrel with oil or grease, use CK Dry Powder Graphite if necessary.



In case of defects being detected please contact your nearest Castell Support Department for further actions.
Please see Contact section for contact details.

Technical Data

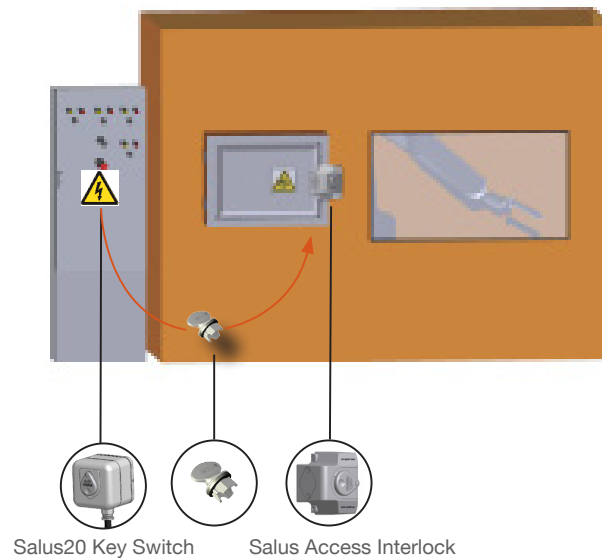
Temperature rating	Minimum: -5°C [23°F] ice free
	Maximum: 55°C [131°F]
Type of mounting	Surface mount using suitable fasteners (please refer to drawing on page 4 for more details). Fixings provided with the unit.
Weight	1,4 kg
Material	Stainless steel
MTTF Certification	Available on request
Ingress Protection	IP65

Application

A typical application of Salus20 isolator key switch is machine guarding. It is usually used in combination with an access interlock such as the Salus for part body access or an access interlock with an exchange key for full body access control.

The Salus20 breaks the machine safety circuit, ensuring a machine is shut down when the key is turned and removed. The key can then be taken to the Salus automatic access interlock to enable access to the machine.

The machine cannot be restarted until the door is closed, the bolt is trapped in the access interlock and the key is removed and taken to the Salus20 key isolator switch.



EC-Declaration

We, the manufacturers, declare that the components, detailed herein and placed on the market, comply with all the essential health and safety requirements applying to them.

Empowered signatory:

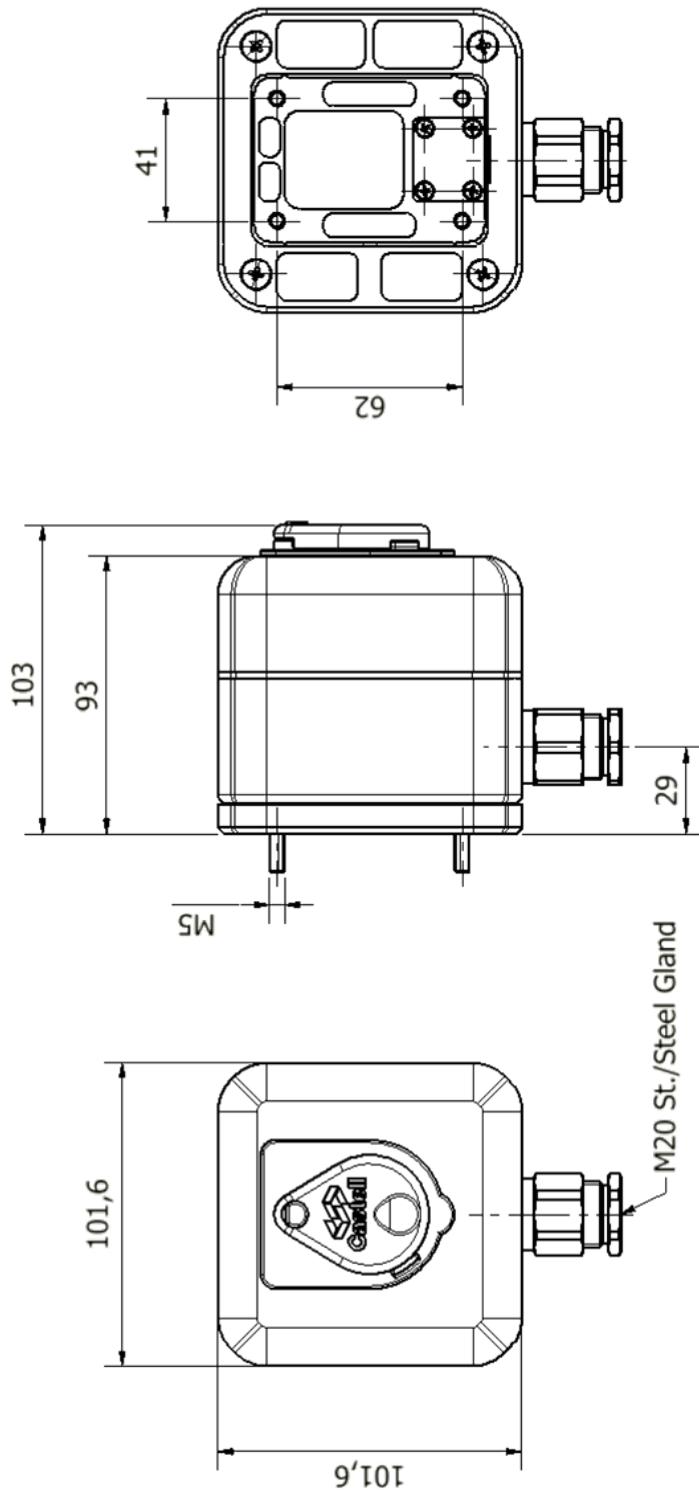
Mr T.C. Whelan
Managing Director



Drawing

Dimensions:
in mm

Note: For safe mounting, use security screws

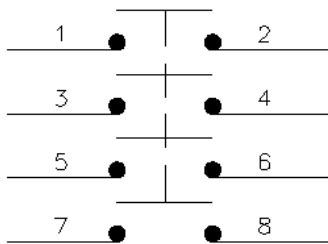


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Wiring Diagram

Note: For safe mounting, use security screws

Key Free, Switch off



Key Free, 2 NO/2NC

