

## CCC Ex (Additional information)

The following content includes the general identification of devices and the installation regulations regarding the CCC Ex approval.

The individual subsections of the "Installation Regulations" must be taken into account if the device has the required approval or is subject to the range of application of the CCC Ex.

CCCEX certificate no.	2020312310000210
Product	Signal conditioner
Model/Type	857-***
Marking	Ex ec IIC T4 Gc
Standards	GB/T 3836.1 GB/T 3836.3

### Specific conditions of safety use

- The equipment shall be installed in an enclosure that provides a minimum ingress protection of IP 54 in accordance with GB/T 3836.1.
- The equipment shall only be used in an area of at least pollution degree 2, as defined in GB/T 16935.1.
- Transient protection shall be provided that is set at a level not exceeding 140 % of the peak rated voltage value at the supply terminals to the equipment.
- The connecting and disconnecting of all pluggable connections incl. the switching of the field wirings of the signal conditioner series 857-\*\*\* is permitted only in a non-hazardous area.
- The following warnings must be placed nearby the modules:
  - WARNING: DO NOT CONNECT OR DISCONNECT WHEN ENERGIZED.
  - WARNING: CONNECT OR DISCONNECT ONLY IN A NON-HAZARDOUS AREA.
- The modules 857-801, 857-811, 857-820 and 857-550 must be mounted with a spacing to all adjacent modules of not less than one centimeter.

## CCC Ex (其他信息)

以下内容包含CCC Ex认证标志和安全使用条件。

如果装置需要CCC Ex认证或在CCC Ex界定范围内，则需要满足安全使用条件的要求。

CCC Ex 证书编号	2020312310000210
产品名称	信号变换
型号规格	857-***
标志	Ex ec IIC T4 Gc
标准	GB/T 3836.1 GB/T 3836.3

### 安全使用条件

- 根据GB/T 3836.1,模块应安装在能提供最小防护等级为IP 54的外壳。
- 根据GB/T 16935.1,模块只应在污染程度不低于2级的区域使用。
- 瞬态保护应提供不超过设备的供电端子额定峰值电压值140 %的保护。
- 仅允许在非危险区域连接或断开所有可插拔连接，包括857系列信号变换模块现场布线的通断。
- 模块附近必须设置有以下警告标识：
  - 警告：带电时严禁连接或断开
  - 警告：连接或断开只能在非危险场所
- 857-801、857-811、857-820和857-550模块与所有相邻模块的间距必须不小于1厘米。