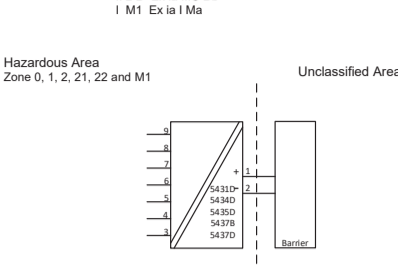
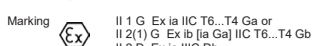


ATEX Installation drawing 5437QA01-V7R0

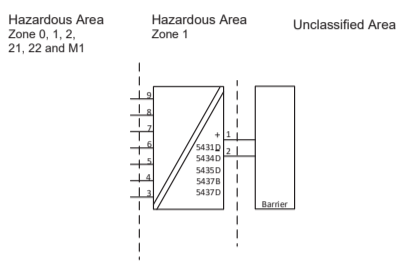
ATEX Certificate DEKRA 16ATEX 0047X
Standards: EN 60079-0:2017, EN 60079-1:2012, EN 60079-15:2010, EN 60079-7:2015 + A1:2018

Ex ia Installation
For safe installation of the 5431D...5434D... 5435D... 5437B... and 5437D... the following must be observed.



Terminal specifications table for Ex ia installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Ex ib Installation



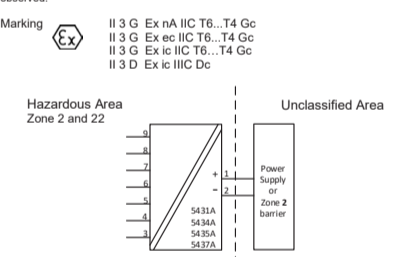
Terminal specifications table for Ex ib installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Temperature range table for Ex ia and Ex ib installation, showing operating ranges for different power ratings and ambient conditions.

General installation instructions: Year of manufacture can be taken from the first two digits in the serial number. If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided.

Ex nA / Ex ec / Ex ic Installation

ATEX Certificate DEKRA 18ATEX0135X
For safe installation of the 5431A... 5434A... 5435A... and 5437A... the following must be observed.



Terminal specifications table for Ex nA, Ex ec, and Ex ic installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For an ambient temperature > 60°C, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

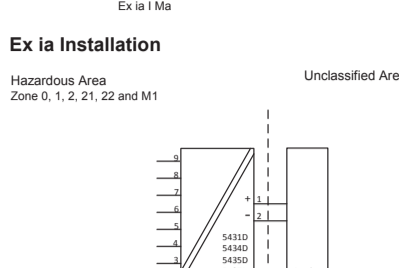
Hazardous Substances table showing concentrations of various materials in different parts of the product, such as lead, mercury, cadmium, etc.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

IECEX Installation drawing 5437QI01-V7R0

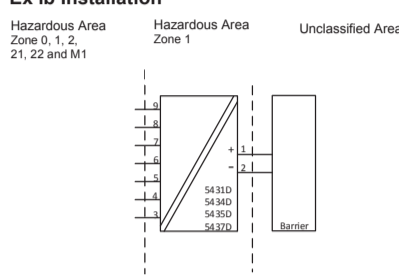
IECEX Certificate IECEX DEK 16.0029X
Standards: IEC 60079-0:2017, IEC 60079-1:2011, IEC 60079-15:2010, IEC 60079-7:2015

For safe installation of the 5431D...5434D... 5435D... and 5437D... the following must be observed.



Terminal specifications table for IECEX installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Ex ia Installation



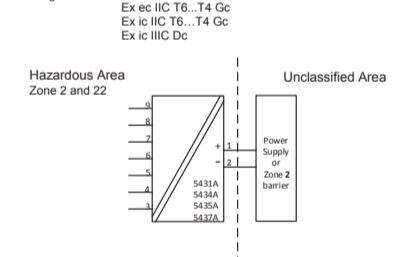
Terminal specifications table for Ex ia installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Temperature range table for Ex ia installation, showing operating ranges for different power ratings and ambient conditions.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For EPL Ga, if the enclosure is made of aluminum, it must be installed such, that ignition sources due to impact and friction sparks are excluded.

Ex nA / Ex ec / Ex ic Installation

For safe installation of the 5431A... 5434A... 5435A... and 5437A... the following must be observed.



Terminal specifications table for Ex nA, Ex ec, and Ex ic installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For an ambient temperature > 60°C, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

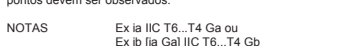
Hazardous Substances table showing concentrations of various materials in different parts of the product, such as lead, mercury, cadmium, etc.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

Instalação INMETRO 5437QB01-V4R1

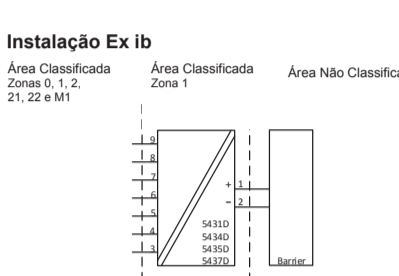
INMETRO Certificado DEKRA 23.0002X
Normas: ABNT NBR IEC 60079-0:2020 Versão Corrigida:2023, ABNT NBR IEC 60079-1:2018 Versão Corrigida:2022, ABNT NBR IEC 60079-7:2015 Versão Corrigida:2017

Para a instalação segura do 5431D...5434D... 5435D... e 5437D... os seguintes pontos devem ser observados:



Terminal specifications table for INMETRO installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Instalação Ex ia



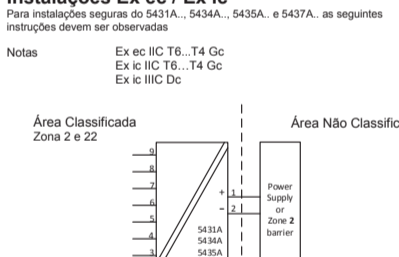
Terminal specifications table for Ex ia installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Temperature range table for Ex ia installation, showing operating ranges for different power ratings and ambient conditions.

Instruções Gerais de Instalação: Se o invólucro for feito de materiais não metálicos ou de metal com uma camada de tinta mais espessa que 0,2 mm (grupo IIC) ou 2 mm (grupo IIB, IIA, I) ou qualquer espessura (grupo III), cargas eletrostáticas devem ser evitadas.

Instalações Ex ec / Ex ic

Para instalações seguras do 5431A... 5434A... 5435A... e 5437A... as seguintes instruções devem ser observadas:



Terminal specifications table for Ex ec and Ex ic installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For an ambient temperature > 60°C, heat resistant cables shall be used with a rating of at least 20 K above the ambient temperature.

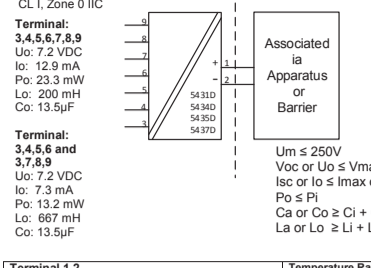
Hazardous Substances table showing concentrations of various materials in different parts of the product, such as lead, mercury, cadmium, etc.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

FM Installation drawing 5437QF01-V5R0

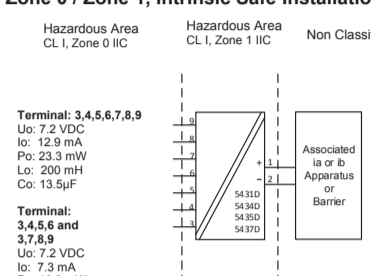
FM Certificates FM16CA0146X and FM16US0287X
Division 1 / Zone 0, Intrinsic Safe Installation

For safe installation of the 5431D...5434D... 5435D... and 5437D... the following must be observed.



Terminal specifications table for FM installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Zone 0 / Zone 1, Intrinsic Safe Installation



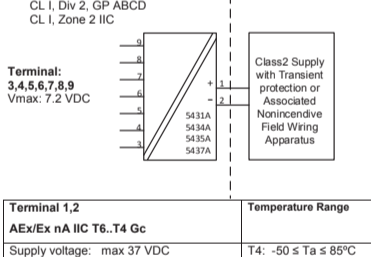
Terminal specifications table for Zone 0 / Zone 1 installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Temperature range table for Zone 0 / Zone 1 installation, showing operating ranges for different power ratings and ambient conditions.

Intrinsic safe devices, other than barriers, must not be a source of power. The maximum voltage (Ui (Vmax) and current I (Imax), and maximum power P (Pmax), which the device can receive and remain intrinsically safe, must be equal to or greater than the voltage (Uo or Voc or Vi) and current (Io or Ic or Ii) and the power Po which can be delivered by the barrier.

Division 2 / Zone 2, Non Sparking Installation

For safe installation of the 5431A... 5434A... 5435A... and 5437A... the following must be observed.



Terminal specifications table for Division 2 / Zone 2 installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For an ambient temperature > 60°C, heat resistant cables shall be used with a rating of at least 5 K above the ambient temperature.

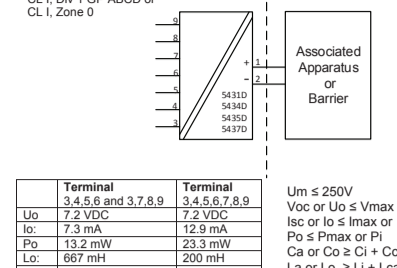
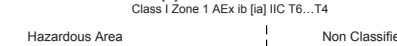
Hazardous Substances table showing concentrations of various materials in different parts of the product, such as lead, mercury, cadmium, etc.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

CSA Installation drawing 5437QC01-V5R0

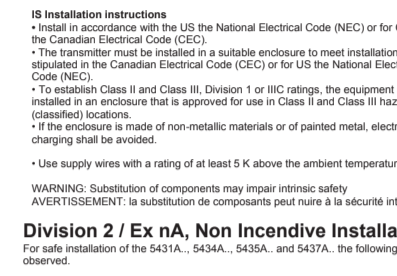
CSA Certificates 16.70068266
Division 1 / Ex ia, Intrinsic Safe Installation

For safe installation of the 5431D...5434D... 5435D... and 5437D... the following must be observed.



Terminal specifications table for CSA installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Division 1.2 Ex ia, Div1



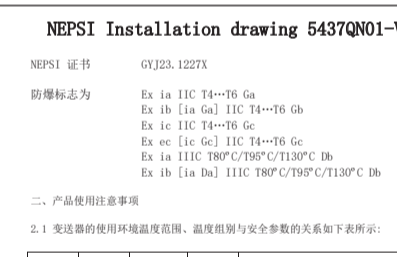
Terminal specifications table for Division 1.2 Ex ia, Div1 installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

Temperature range table for Division 1.2 Ex ia, Div1 installation, showing operating ranges for different power ratings and ambient conditions.

IS Installation instructions: Install in accordance with the US National Electrical Code (NEC) or for Canada the Canadian Electrical Code (CEC). The transmitter must be installed in a suitable enclosure to meet installation codes stipulated in the Canadian Electrical Code (CEC) or for US the National Electrical Code (NEC).

Division 2 / Zone 2, Non Sparking Installation

For safe installation of the 5431A... 5434A... 5435A... and 5437A... the following must be observed.



Terminal specifications table for Division 2 / Zone 2 installation, listing parameters like Uo, Io, Po, Lo, Co for different terminal models.

General installation instructions: If the enclosure is made of non-metallic plastic materials, electrostatic charges on the transmitter enclosure shall be avoided. For an ambient temperature > 60°C, heat resistant cables shall be used with a rating of at least 5 K above the ambient temperature.

Hazardous Substances table showing concentrations of various materials in different parts of the product, such as lead, mercury, cadmium, etc.

The product's Environmentally Friendly Use Period (EFUP) is 50 years

EU DECLARATION OF CONFORMITY and UKCA DECLARATION OF CONFORMITY for PE electronics A/S, Lerbakken 10, DK-8410 Rande. Includes logos for CE and UKCA and a list of applicable standards.