

atex@atexdelvalle.com | www.atexdelvalle.com

# EX RELAY MODULE



## Delvalle, wide experience in manufacturing solutions for hazardous area



#### WE PUT AT YOUR DISPOSAL

We offer over 45 years providing hazardous area solutions to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

#### **CONSULTING** & ENGINEERING

Atex Delvalle adapts to our clients' needs by offering hazardous-area systems.

Certified Junction Box Assembly.

Atex-delvalle are the leading certified assembler of Ex junction boxes. With an extensive stock holding of stainless steel enclosures, our workshops are able to provide unrivalled competence, expertise, quality and service to customer specifications.

Our customized services, experienced design and drafting 3D support.

#### WHEREVER YOU GO

We are committed to working closely with our customers, providing them with exceptional service and offering an advanced and extensive range of hazardous area products with very competitive prices.

#### **HIGH STANDARD** OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very highest quality, suitable and certified products. Our success is due to top quality

ISO 9001, SGS, UL, TÜV, ISO 14000, Ohsas 18001, ATFX. IFCFx













#### CONTACT US

Confidentiality, reliability & quality

www.atexdelvalle.com atex@atexdelvalle.com +34 945 601 381



#### Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.



ALSO ONLINE



## EX RELAY MODULE



Example

## Relays Have a Corrosion-Resistant Enclosure and Easily Accessible

Delvalle relays are versatile components for 'Ex e' enclosures in Zones I and 2 that you can really rely on.

They can be used for various applications. All relays have a corrosion-resistant enclosure and easily accessible connection terminal to make installation easier and allow for safe connection. They can be reliably secured in the enclosure with screws such that they do not vibrate.

FOR MORE INFORMATION CLICK HERE

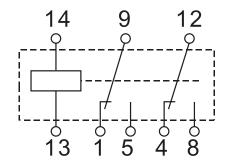


## EX RELAY MODULE

## TECHNICAL DATA

- Zones I and 2.
- Service power supply voltage: up to 240V (DC power supply can be provided).
- Contact capacity: 5A 220V AC 5A 24V DC.
- Cross section of terminal:  $2 \times 1 \sim 2.5 \text{mm}^2$ .
- Material of enclosure: unsaturated resin.
- Weight: 0,8kg.

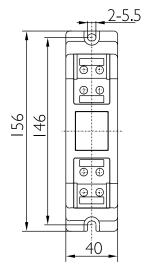
### **ELECTRICAL DIAGRAM**

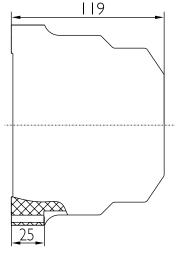


### **CERTIFICATES**

- Certificates number:
- IECEX CML 19.0085U
- CML 19 ATEX 1300U
- Type protection:
  - II2G Ex db eb IIC Gb
- Standard:
- Directive 2014/34/EU
- EN IEC 60079-0:2018
- EN 60079-1:2014
- EN IEC 60079-7:2015+A1:2018
- IEC 60079-0:2017
- IEC 60079-1:2014-06
- IEC 60079-7:2017
- Ambient temperature:
- o -20°C <Ta<+60°C (IIC)
- -40°C <Ta<+60°C (IIB)
- Operating temperature:
- -20°C <Ta<+110°C (IIC)
- -40°C <Ta<+110°C (IIB)

## **DIMENSIONS AND REFERENCES**





REFERENCES EX RELAY MODULE	
REFERENCES	DESCRIPTION
MRI	EX RELAY MODULE AC 24V
MR2	EX RELAY MODULE AC 100V/110V
MR3	EX RELAY MODULE AC 220/240V
MR4	EX RELAY MODULE DC 12V
MR5	EX RELAY MODULE DC 24V
MR6	EX RELAY MODULE DC 100V/110V







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### **DELVALLE OFFERS**

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#### ATEX TERMINAL BOXES **TERBOX SERIES**



 $\langle \epsilon_{\rm x} \rangle$ 

#### EX LOCAL CONTROL & **DISTRIBUTION BOXES CONTREX SERIES**





#### PLUG AND SOCKET BOXES **CONNEX SERIES**





#### **FLAMEPROOF CONNECTION BOXES EIB SERIES**



#### **EX LIGHTING FIXTURE ATEX**



#### **PRESSURIZED ENCLOSURE EX P**

#### **PEPPEX SERIES**









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MOTOR AND SWITCH MACHINES

**ATEX & IECEX** 





EX PUSH BUTTON STATION









#### INDUSTRIAL WORKSTATIONS & HMI'S



EX 19" RACK



### HAZARDOUS WIRELESS & ANTENNA SYSTEMS

**ATEX** 















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