



HAZARDOUS AREA SOLUTIONS

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EX MOTOR PROTECTION 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.

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.

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.

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** assurance:
ISO 9001, SGS, UL, TÜV, ISO 14000, Ohsas 18001, ATEX, IECEx.



CONTACT US

Confidentiality, reliability & quality

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ALSO ONLINE

Please **CONTACT** our technical sales department.

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





Zones 1 and 2

EX MOTOR PROTECTION MODULE



Example



Example external switch handle

Motor Protection Components Have a Easily Accessible Connection Terminals

Atex Delvalle offers various components that have been specially designed for protecting motors in Ex Zones 1 and 2. They are built into 'Ex e' type enclosures are easy to install, robust and corrosion resistant.

Delvalle offers a great many components with various functions for protecting motors. All motor protection components have a corrosion-resistant enclosure and easily accessible connection terminals 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 MOTOR PROTECTION MODULE

TECHNICAL DATA

- Zones I and 2.
- Rated voltage: 440V.
- Setting range of over load trip: 0.1 ~ 25A.
- AC3 motor ON/OFF capacity: high up to 440V/25A.
- Rated ON/OFF capacity: high up to 65kA.
- Capacity of auxiliary contact: AC15A 1A/230V.
- Voltage trip (under voltage): 230V/50Hz.
- Terminals:
 - Main contacts 1 ~ 10mm² (6 ~ 10mm² used in connection with compression lug).
 - auxiliary contact 1 ~ 2.5mm².
- Material of enclosure: unsaturated resin.
- Weight: 1,65kg.

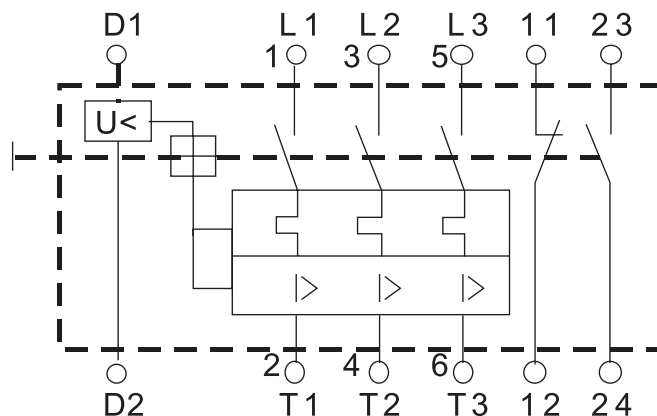
ACCESSOIRES

- External switch handle:
 - CML I9ATEX330IU
 - IECEx CML I9.0086U
 - II2GD Ex eb IIC Gb / Ex tb IIIC Db
 - Ambient temperature -55°C to +80°C

CERTIFICATES

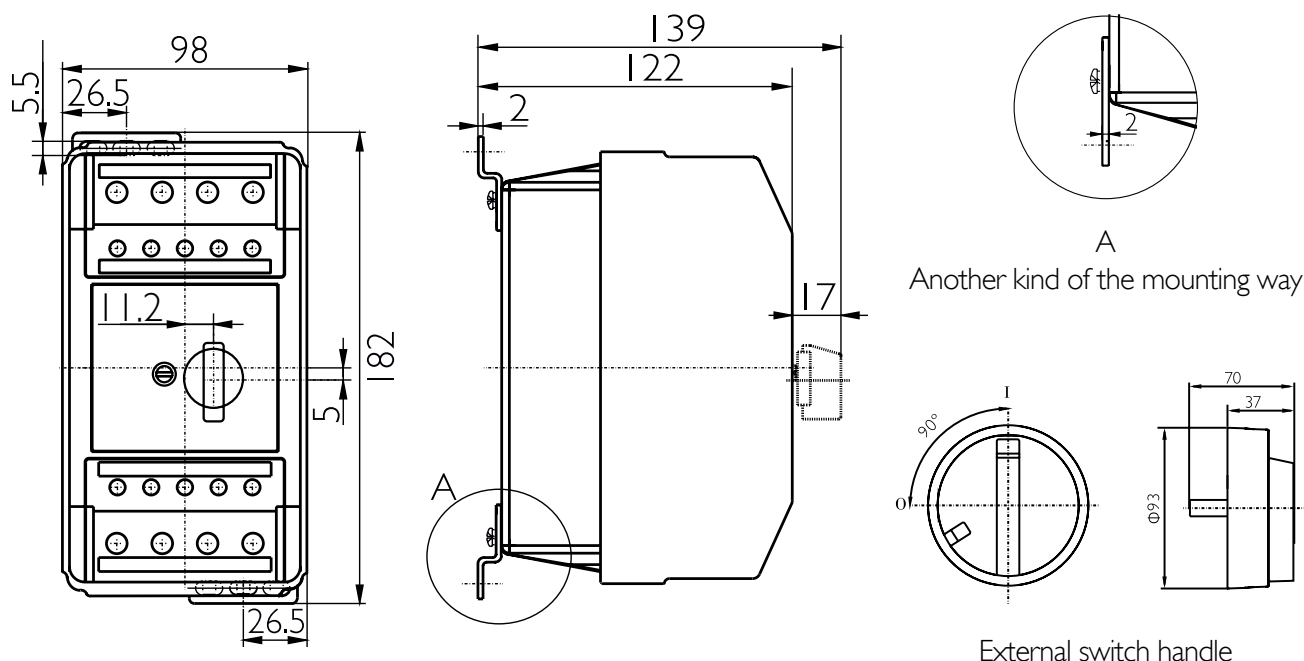
- Certificates number:
 - IECEx CML I9.0085U
 - CML I9 ATEX I300U
- Type protection:
 - II 2G Ex db eb IIC Gb
 - II 2G Ex db eb IIB Gb
- Standard:
 - Directive 2014/34/EU
 - EN IEC 60079-0:2018
 - EN 60079-1:2014
 - EN IEC 60079-7:2015+A1:2018
 - IEC 60079-0:2017
 - IEC 60079-1:2014-06
 - IEC 60079-7:2017
- Ambient temperature:
 - -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)

ELECTRICAL DIAGRAM



EX MOTOR PROTECTION MODULE

PLAN AND DIMENSIONS



REFERENCES

REFERENCE EXTERNAL SWITCH HANDLE

	REFERENCE	TYPE PROTECTION	CERTIFICATES NUMBER	AMBIENT TEMPERATURE
	DVACC8003/2DA	II2GD Ex eb IIC Gb / Ex tb IIIC Db	CML I9ATEX330IU IECEX CML I9.0086U	-55°C to +80°C

References explication. Examples: MSP0.16, MSP0.4.T, MSP6.3.NONC or **MSPI.T.NONC**.

1 Code	+	2 Amperage	+	3 Range of over load trip / Aux. contact
MSP		0.16 - 0.1~0.16 0.25 - 0.16~0.25 0.4 - 0.25~0.4 0.63 - 0.4~0.63 1 - 0.63~1 1.6 - 1~1.16 2.5 - 1.6~2.5 4 - 2.5~4 6.3 - 4~6.3 10 - 6.3~10 16 - 10~16 20 - 16~20 25 - 20~25		T - Low V. Autotrip NONC - Aux. Contact T.NONC - Low V. Autotrip+ Aux. Contact
		I	.	T.NONC

EX MOTOR PROTECTION MODULE

REFERENCES EX MOTOR PROTECTION MODULE

REFERENCES	RATED ON/OFF CAPACITY	DESCRIPTION
MSP0.16	65kA	EX MOTOR PROTECTION MODULE, 0.1~0.16
MSP0.16.T	65kA	EX MOTOR PROTECTION MODULE, 0.1~0.16+LOW V.AUTOTRIP
MSP0.16.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.1~0.16+AUX. CONTACT
MSP0.16.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.1~0.16+LOW V.AUTOTRIP+AUX. CONTACT
MSP0.25	65kA	EX MOTOR PROTECTION MODULE, 0.16~0.25
MSP0.25.T	65kA	EX MOTOR PROTECTION MODULE, 0.16~0.25+LOW V.AUTOTRIP
MSP0.25.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.16~0.25+AUX. CONTACT
MSP0.25.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.16~0.25+LOW V.AUTOTRIP+AUX. CONTACT
MSP0.4	65kA	EX MOTOR PROTECTION MODULE, 0.25~0.4
MSP0.4.T	65kA	EX MOTOR PROTECTION MODULE, 0.25~0.4+LOW V.AUTOTRIP
MSP0.4.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.25~0.4+AUX. CONTACT
MSP0.4.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.25~0.4+LOW V.AUTOTRIP+AUX. CONTACT
MSP0.63	65kA	EX MOTOR PROTECTION MODULE, 0.4~0.63
MSP0.63.T	65kA	EX MOTOR PROTECTION MODULE, 0.4~0.63+LOW V.AUTOTRIP
MSP0.63.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.4~0.63+AUX. CONTACT
MSP0.63.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.4~0.63+LOW V.AUTOTRIP+AUX. CONTACT
MSP1	65kA	EX MOTOR PROTECTION MODULE, 0.63~1
MSP1.T	65kA	EX MOTOR PROTECTION MODULE, 0.63~1+LOW V.AUTOTRIP
MSP1.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.63~1+AUX. CONTACT
MSP1.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 0.63~1
MSP1.6	65kA	EX MOTOR PROTECTION MODULE, 1~1.6
MSP1.6.T	65kA	EX MOTOR PROTECTION MODULE, 1~1.6+LOW V.AUTOTRIP
MSP1.6.NONC	65kA	EX MOTOR PROTECTION MODULE, 1~1.6+AUX. CONTACT
MSP1.6.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 1~1.6+LOW V.AUTOTRIP+AUX. CONTACT
MSP2.5	65kA	EX MOTOR PROTECTION MODULE, 1.6~2.5
MSP2.5.T	65kA	EX MOTOR PROTECTION MODULE, 1.6~2.5+LOW V.AUTOTRIP
MSP2.5.NONC	65kA	EX MOTOR PROTECTION MODULE, 1.6~2.5+AUX. CONTACT
MSP2.5.T.NONC	65kA	EX MOTOR PROTECTION MODULE, 1.6~2.5+LOW V.AUTOTRIP+AUX. CONTACT
MSP4	16kA	EX MOTOR PROTECTION MODULE, 2.5~4
MSP4.T	16kA	EX MOTOR PROTECTION MODULE, 2.5~4+LOW V.AUTOTRIP
MSP4.NONC	16kA	EX MOTOR PROTECTION MODULE, 2.5~4+AUX. CONTACT
MSP4.T.NONC	16kA	EX MOTOR PROTECTION MODULE, 2.5~4+LOW V.AUTOTRIP+AUX. CONTACT
MSP6.3	16kA	EX MOTOR PROTECTION MODULE, 4~6.3
MSP6.3.T	16kA	EX MOTOR PROTECTION MODULE, 4~6.3+LOW V.AUTOTRIP
MSP6.3.NONC	16kA	EX MOTOR PROTECTION MODULE, 4~6.3+AUX. CONTACT
MSP6.3.T.NONC	16kA	EX MOTOR PROTECTION MODULE, 4~6.3+LOW V.AUTOTRIP+AUX. CONTACT
MSP10	16kA	EX MOTOR PROTECTION MODULE, 6.3~10
MSP10.T	16kA	EX MOTOR PROTECTION MODULE, 6.3~10+LOW V.AUTOTRIP
MSP10.NONC	16kA	EX MOTOR PROTECTION MODULE, 6.3~10+AUX. CONTACT
MSP10.T.NONC	16kA	EX MOTOR PROTECTION MODULE, 6.3~10+LOW V.AUTOTRIP+AUX. CONTACT
MSP16	16kA	EX MOTOR PROTECTION MODULE, 10~16
MSP16.T	16kA	EX MOTOR PROTECTION MODULE, 10~16+LOW V.AUTOTRIP
MSP16.NONC	16kA	EX MOTOR PROTECTION MODULE, 10~16+AUX. CONTACT
MSP16.T.NONC	16kA	EX MOTOR PROTECTION MODULE, 10~16+LOW V.AUTOTRIP+AUX. CONTACT
MSP20	12kA	EX MOTOR PROTECTION MODULE, 16~20
MSP20.T	12kA	EX MOTOR PROTECTION MODULE, 16~20+LOW V.AUTOTRIP
MSP20.NONC	12kA	EX MOTOR PROTECTION MODULE, 16~20+AUX. CONTACT
MSP20.T.NONC	12kA	EX MOTOR PROTECTION MODULE, 16~20+LOW V.AUTOTRIP+AUX. CONTACT
MSP25	12kA	EX MOTOR PROTECTION MODULE, 20~25
MSP25.T	12kA	EX MOTOR PROTECTION MODULE, 20~25+LOW V.AUTOTRIP
MSP25.NONC	12kA	EX MOTOR PROTECTION MODULE, 20~25+AUX. CONTACT
MSP25.T.NONC	12kA	EX MOTOR PROTECTION MODULE, 20~25+LOW V.AUTOTRIP+AUX. CONTACT

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/ FLEXIBLE ATEX & IECEx SOLUTIONS



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CONTACT us, we will be available at any time