Zones 1, 2, 21 and 22

atex delvalle®

HAZARDOUS AREA SOLUTIONS

atex@atexdelvalle.com | www.atexdelvalle.com

EX OPERATION HEAD IP66

LED TECHNOLOGY

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

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

ALSO ONLINE

Please contact our technical sales department.
A team of professionals with high experience and ability to solve all your queries.

Zones 1, 2, 21 and 22

EX OPERATION HEAD IP66

Examples

Select the Operation Head and Discover Multiple Options

Delvalle Ex operation head conform to Atex and IECEx certifications, it is available a wide range of products (cover of signal lamp, push-pulling button, rubber sheath button,...) to include all type of application are made of polyamide.
They have high degree of protection up to IP66 for use in explosive atmospheres listed as Zones 1, 2, 21 and 22 and can be used in ambient temperature between -55°C to +65°C.

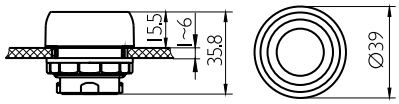
FOR MORE INFORMATION CLICK HERE

CERTIFICATES

- Certificates number:
  - IECEx CML 19.0083U
  - CML 19ATEX3298U
- Type protection:
  - Ex eb IIC Gb
  - Ex tb IIIC Db
- Ambient temperature:
  - -55°C <Ta< +65°C
- Standard:
  - Directive 2014/34/UE
  - EN IEC 60079-0:2018
  - EN IEC 60079-7:2015+A1:2018
  - EN 60079-31:2014
  - IEC 60079-0:2017
  - IEC 60079-31:2013
  - IEC 60079-7:2017

EX OPERATION HEAD IP66

PB100. BUTTON (Ø39mm)

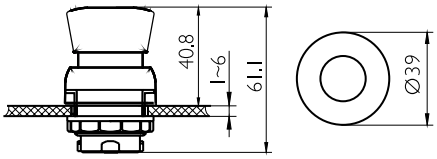


REFERENCE	DIRECTION
PB100	

SELECT A COLOR. STANDAR COLORS

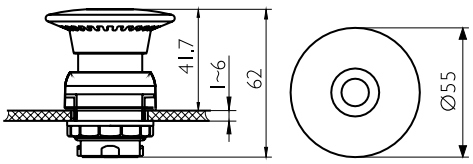
ANOTHER COLORS

MH100_. SMALL MUSHROOM HEAD BUTTON (Ø39mm)



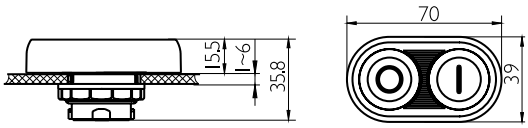
COLORS	REFERENCES	DIRECTION
	MH100R	
	MH100G	
	MH100B	

MH101_. MUSHROOM HEAD BUTTON (Ø55mm)



COLORS	REFERENCES	DIRECTION
	MH101R	
	MH101G	
	MH101B	

PB200. DOUBLE BUTTON (70x39mm)



REFERENCE	DIRECTION
PB200	

SELECT A COLOR. STANDAR COLORS

ANOTHER COLORS

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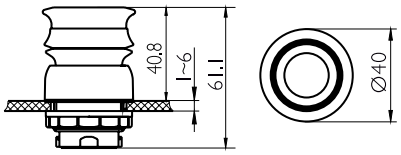
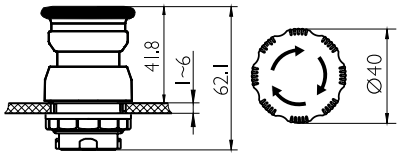
EX OPERATION HEAD IP66

MH200. EMERGENCY PUSH-PULLING BUTTON (RED / YELLOW) (Ø40mm)



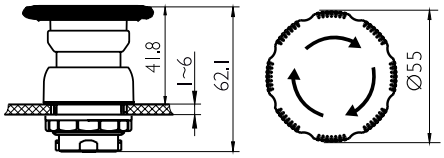
REFERENCE	DIRECTION
MH200	

MH400B. SMALL TWIST TO RELEASE BUTTON (BLACK) (Ø40mm)



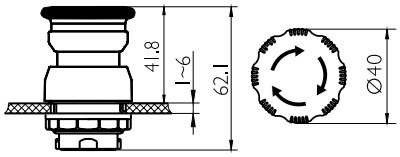
REFERENCE	DIRECTION
MH400B	

MH401B. TWIST TO RELEASE BUTTON (BLACK) (Ø55mm)



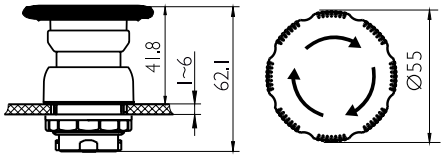
REFERENCE	DIRECTION
MH401B	

MH400E. SMALL EMERGENCY STOP TWIST TO RELEASE BUTTON (RED / YELLOW) (Ø40mm)



REFERENCE	DIRECTION
MH400E	

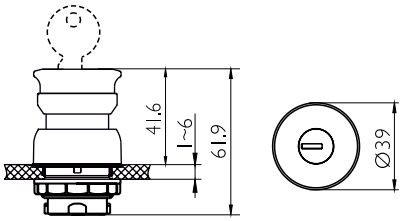
MH401E. EMERGENCY STOP TWIST TO RELEASE BUTTON (RED / YELLOW) (Ø55mm)



REFERENCE	DIRECTION
MH401E	

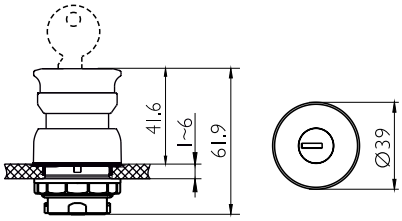
EX OPERATION HEAD IP66

MH300BH / MH300BV. KEY-RELEASING BUTTON (RED / BLACK) (Ø39mm)



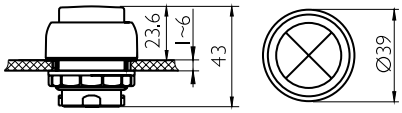
REFERENCES	DIRECTION
MH300BH	
MH300BV	

MH300EH / MH300EV. EMERGENCY STOP KEY-RELEASING BUTTON (RED / YELLOW) (Ø39mm)



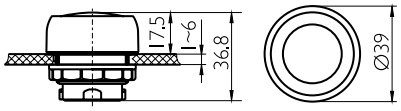
REFERENCES	DIRECTION
MH300EH	
MH300EV	

SL__. COVER OF SIGNAL LAMP (Ø39mm)



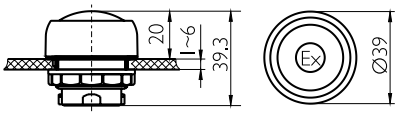
COLORS	REFERENCES	DIRECTION
	SLLW	
	SLLY	
	SLLR	
	SLLG	
	SLLB	

PBSL__. SIGNAL LAMP WITH BUTTON (Ø39mm)



COLORS	REFERENCES	DIRECTION
	PBSLPW	
	PBSLPY	
	PBSLPR	
	PBSLPG	
	PBSLPB	

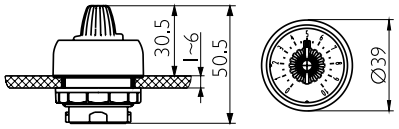
STOPPLUG. STOPPING PLUG: UNUSED HOLE ON PANEL TO BE PLUGGED (BLACK) (Ø39mm)



REFERENCE	DIRECTION
STOPPLUG	

EX OPERATION HEAD IP66

PTH / PTV. POTENTIOMETER SETTING (BLACK) (Ø39mm)



REFERENCES	DIRECTION
PTH	
PTV	

SLC500B__. TOGGLE SWITCH OPERATION HEAD (BLACK) (Ø39mm)

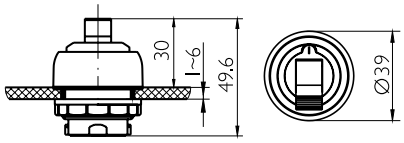


DIAGRAM	REFERENCES	DIRECTION
0 ↕ I	SLC500BH1	
	SLC500BV1	
I ↕ II	SLC500BH2	
	SLC500BV2	

SLC500EH1 / SLC500EV1. TOGGLE SWITCH OPERATION HEAD (RED / YELLOW) (Ø39mm)

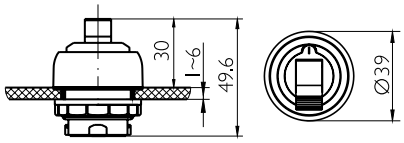


DIAGRAM	REFERENCES	DIRECTION
I ↕ 0	SLC500EH1	
	SLC500EV1	

SLC_____KEY. KEY BUTTON, SWITCH (BLACK) (Ø39mm)

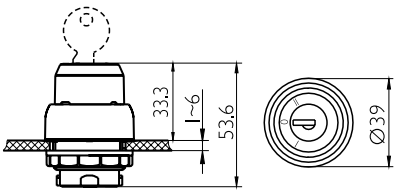
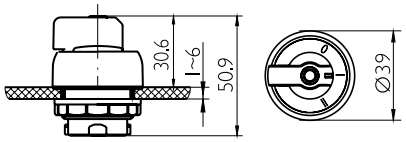


DIAGRAM	REFERENCES	DIRECTION
0 - •	SLC2003H10KEY	
	SLC2003V10KEY	
0 - I	SLC2006V01KEY	
	SLC2006H01KEY	
I - 0 - II	SLC3004V04KEY	
	SLC3004H04KEY	
I - 0 - II	SLC3005V04KEY	
	SLC3005H04KEY	
0 - • - I	SLC3008V05KEY	
	SLC3008H05KEY	

LOCKED SPRING-RETURN PULL OUT KEY

EX OPERATION HEAD IP66

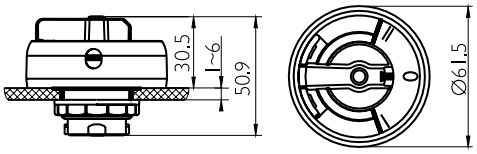
SLC200___ / SLC300___. SMALL SWITCH (BLACK) (Ø39mm)



LOCKED SPRING-RETURN

DIAGRAM	REFERENCES	DIRECTION
I - 0 - II	SLC300BHD	
	SLC300BVD	
I - 0 - II	SLC300BHA	
	SLC300BVA	
0 - I	SLC200BHA	
	SLC200BVA	
0 - • - I	SLC300BHE	
	SLC300BVE	

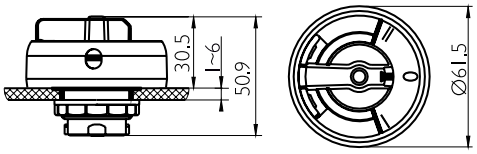
SLC201B__LOCK / SLC301B__LOCK. SWITCH (BLACK) (Ø61,5mm)



LOCKED SPRING-RETURN PADLOCK POSITION

DIAGRAM	REFERENCES	DIRECTION
90° 0 - I	SLC201BHALOCK	
	SLC201BVALOCK	
I - 0 - II	SLC301BHDLOCK	
	SLC301BVDLOCK	
I - 0 - II	SLC301BHALOCK	
	SLC301BVALOCK	
0 - • -I	SLC301BHELOCK	
	SLC301BVELOCK	

SLC201EHALOCK / SLC201EVALOCK. SWITCH (RED / YELLOW) (Ø61,5mm)

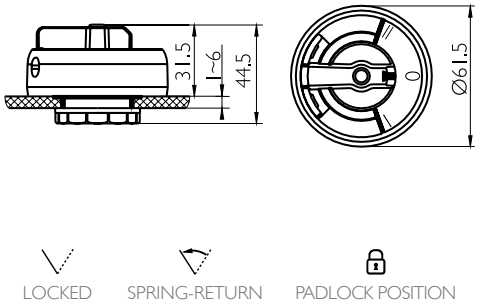


LOCKED SPRING-RETURN PADLOCK POSITION

DIAGRAM	REFERENCES	DIRECTION
90° 0 - I	SLC201EHALOCK	
	SLC201VHALOCK	

EX OPERATION HEAD IP66

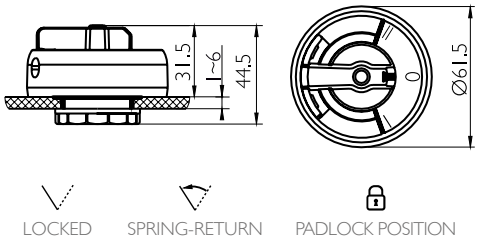
SLC401B__. 4-POLE SWITCH (BLACK) (Ø61,5mm)



LOCKED SPRING-RETURN PADLOCK POSITION

DIAGRAM	REFERENCES	DIRECTION
72° 0 - I	SLC401BH1	
	SLC401BV1	
2x36° I - 0 - II	SLC401BH3	
	SLC401BV3	
3x36° I - II - III - IV	SLC401BH4	
	SLC401BV4	

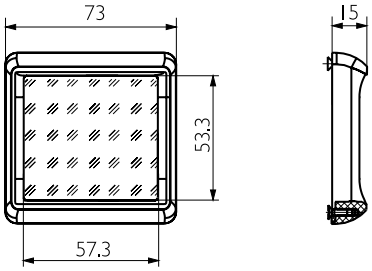
SLC401EH1 / SLC401EV1. 4-POLE SWITCH (RED / YELLOW) (Ø61,5mm)



LOCKED SPRING-RETURN PADLOCK POSITION

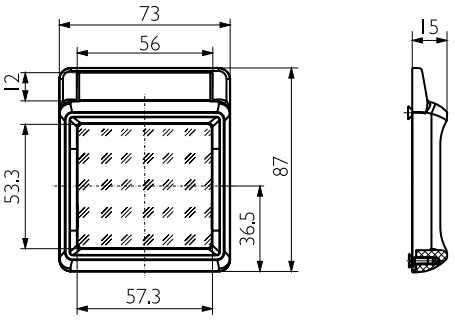
DIAGRAM	REFERENCES	DIRECTION
72° 0 - I	SLC401EH1	
	SLC401EV1	

WINDOWS_M1. CALOTTE: PROTECTIVE WINDOW FOR MEASURING METER (73x73mm)



REFERENCE
WINDOWS_M1

WINDOWS_M2. CALOTTE WITH LABEL: PROTECTIVE WINDOW FOR MEASURING METER (73x87mm)



REFERENCE
WINDOWS_M2

Zones 1, 2, 21 and 22

SAFETY LATCHES FOR BOARD FRONT MOUNTING

Examples

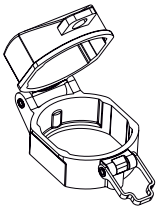
Contact Distance Operation Head and Switch Module

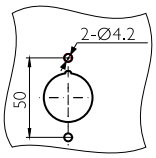
The safety latches for board front mounting modules are screwed on the lid conform to Atex and IECEx certifications. This is a way to solve the problem of the contact distance between operation head and switch module. They have high degree of protection up to IP66 for use in explosive atmospheres listed as Zones 1, 2, 21 and 22.

FOR MORE INFORMATION CLICK HERE

SAFETY LATCHES FOR BOARD FRONT MOUNTING

SAFEPB1C. BUTTON SAFETY LATCH (FOR BOARD FRONT MOUNTING RAIL TYPE)



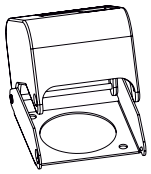


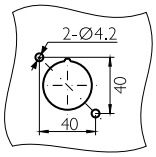
APERTURE DIMENSION

REFERENCE	USED	DIMENSIONS (mm)
SAFEPB1C	PB100 SLC200_ _ _ SLC300_ _ _	WIDTH: 72 HIGH: 44 DEPTH: 37 DISTANCE*: ≥40

*MINIMUM DISTANCE BETWEEN OPERATION HEAD

SAFEMH1C. PUSH-PULLING BUTTON SAFETY LATCH (FOR BOARD FRONT MOUNTING RAIL TYPE)



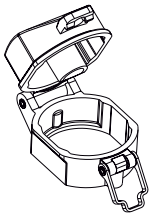


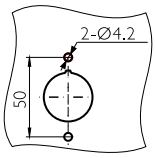
APERTURE DIMENSION

REFERENCE	USED	DIMENSIONS (mm)
SAFEMH1C	MH100_ MH200 MH400B MH400E	WIDTH: 70.2 HIGH: 58 DEPTH: 50 DISTANCE*: ≥50

*MINIMUM DISTANCE BETWEEN OPERATION HEAD

SAFEPB2C. CONSTANT PRESSURE TYPE SAFETY LATCH (FOR BOARD FRONT MOUNTING RAIL TYPE)



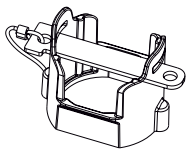


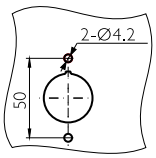
APERTURE DIMENSION

REFERENCE	USED	DIMENSIONS (mm)
SAFEPB2C	PB100	WIDTH: 72 HIGH: 44 DEPTH: 37 DISTANCE*: ≥40

*MINIMUM DISTANCE BETWEEN OPERATION HEAD

SAFEMH2C. SAFETY LATCH WITH PADLOCK (FOR BOARD FRONT MOUNTING RAIL TYPE)



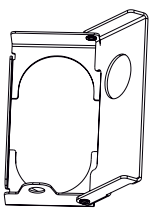


APERTURE DIMENSION

REFERENCE	USED	DIMENSIONS (mm)
SAFEMH2C	MH200 MH400B MH400E	WIDTH: 82 HIGH: 44 DEPTH: 45 DISTANCE*: ≥40

*MINIMUM DISTANCE BETWEEN OPERATION HEAD

SAFEPB200. DOUBLE BUTTON SAFETY LATCH



REFERENCE	USED	DIMENSIONS (mm)
SAFEPB200	PB200	WIDTH: 78.4 HIGH: 40.7 DEPTH: 27 DISTANCE*: ≥40

*MINIMUM DISTANCE BETWEEN OPERATION HEAD

Contact us at:
atex@atexdelvalle.com
We'll give a solution as

DELVALLE OFFERS

OTHER SOLUTIONS ATEX & IECEX

CLICK HERE AND DISCOVER ALL SOLUTIONS

ATEX TERMINAL BOXES
TERBOX SERIES

EX LOCAL CONTROL & DISTRIBUTION BOXES
CONTREX SERIES

PLUG AND SOCKET BOXES
CONNEX SERIES

FLAMEPROOF CONNECTION BOXES
EJB SERIES

EX LIGHTING FIXTURE
ATEX

PRESSURIZED ENCLOSURE EX P
PEPPEX SERIES

Contact us at:
atex@atexdelvalle.com
We'll give a solution as

DELVALLE OFFERS

OTHER SOLUTIONS ATEX & IECEX

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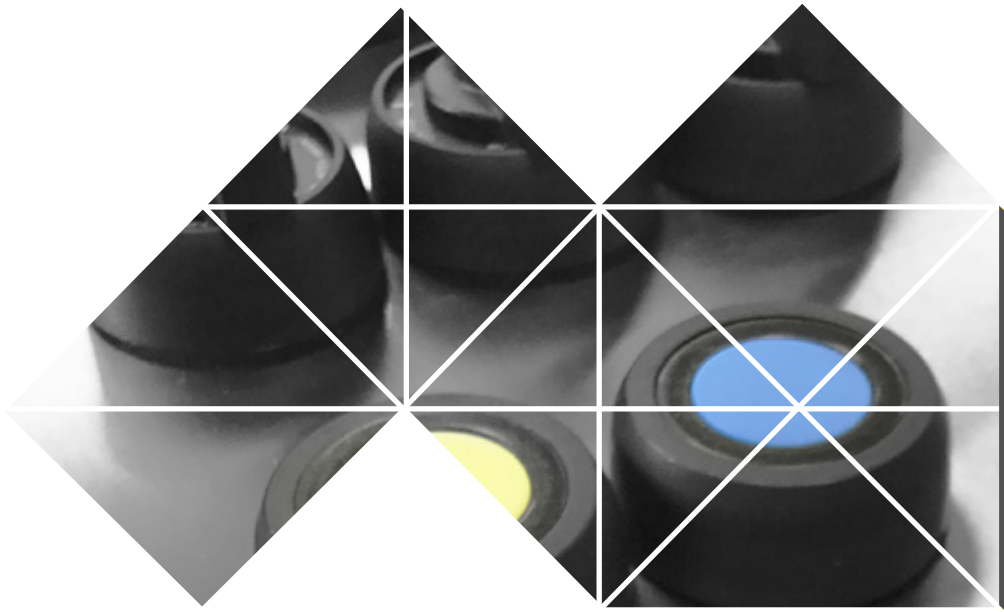

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Contact us, we will be available at any time