

Control Stations & Switches: Switches, Circuit Breakers and "Break Glass" Call Points

FAS Series: "Break Glass" Call Points – Increased Safety and Flameproof



Ex de IIC Version
(PCe Type)



Ex d IIC Version
(BR1d Type)

Compliance Data:

ATEX - IEC



Zone 1 & 2 – 21 & 22	ATEX	II 2 GD	IEC	CE
Ex de IIC (PCe Type) Ex d IIC (BR1 d Type)	T6 to T5	Ex tD A21	T 95°C – T195°C T95°C (BR1d Type)	IP66 – IK10

Operating Temperature

(PCe Type) -55°C to +60°C	(BR1d Type) -40°C to +55°C	
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Ex II 2 GD

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Applications:

- Located on exit routes, in particular on the floor landings of staircases and at all exits to the open air.
- For use in hazardous areas where ignitable vapors, gases or highly combustible dusts are present.
- For installation in chemical and petrochemical plants, refineries and other process industries.

Features:

Type PCe (increased safety version):

- Hammer and stainless steel chain.
- NO+NC contacts with 2.5 mm² terminals.
- Earth termination: 2 x 4 mm² (internal and external).
- 2 x M20 bottom entries supplied with polyamide cable gland (dia 6.5 to 14.5 mm) and polyamide blanking plug.

Type BR1d (flameproof version):

- Hammer and stainless steel chain.

- NO+NC contacts with 2.5 mm² terminals.
- Earth termination: 2 x 4mm² (internal and external).
- 2 x M20 entries (1 top and 1 bottom) supplied with one aluminum blanking plug.

Materials:

Type PCe

- Red painted aluminium alloy box.
- Red painted steel cover.
- Stainless steel chain.

Type BR1d

- Painted marine grade aluminium alloy box (gray painted body and red painted cover).
- Stainless steel chain.

Options:

- Special options available - consult factory for details.

Catalog Number Logic:

FAS

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Series

X

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D = Ex d
E = Ex e

X

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A = Automatic
M = Manual

Ordering Information:

"Break Glass" Call Points

Description	Weight (kg)	Volume (dm ³)	Catalog Number	Old Catalog Number	Pack
Increased Safety Ex de IIC Version - Type PCe:					
Manual breaking of the circuit after breaking the glass. Momentary NO+NC contacts	1.2	5	FASEM	096224	1
Automatic breaking of the circuit as soon as glass is broken. Momentary NO+NC contacts	1.2	5	FASEA	096225	1
Flameproof Ex d IIC Version - Type BR1d:					
Automatic breaking of the circuit as soon as glass is broken. Momentary NO+NC contacts	1.2	3.8	FASDA	093818*	1

* Please check your cable entry as FASDA is M20 and not M25 as 093818

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Zone 1 & 2 - 21 & 22

⊕ II 2 GD

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IP66 - IK10

Compliances:

Hazardous Area	Gas	Dust
Certification Type	PCe	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	CE 0081 ⊕ II 2 G	CE 0081 ⊕ II 2 D
Symbol of Protection ATEX	Ex de IIC	Ex tD A21
Symbol of Protection IEC		
T Rating	T6	–
Surface Temperature	–	T80°C
Ambient Temperature	-55°C to +60°C	
CE Declaration of Conformity	50221	
ATEX Certificate	LCIE 00 ATEX 6047	
IEC Certificate	LCIE Ex 00.017	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10	

Hazardous Area	Gas	Dust
Certified Type	BR1d	
Zones	1–2	21–22
Conforming to ATEX 94/9/CE	CE 0081 ⊕ II 2 G	CE 0081 ⊕ II 2 D
Symbol of Protection ATEX	Ex d IIC	Ex tD A21
Symbol of Protection IEC		
T Rating	T6 for Ta = +40°C T5 for Ta = +55°C	–
Surface Temperature	–	T95°C
Ambient Temperature	-40°C to +55°C	
CE Declaration of Conformity	50230	
ATEX Certificate	LCIE 02 ATEX 6056	
IEC Certificate	LCIE Ex 02.005	
Other Certifications	GOST	
Index of Protection (solid and liquid)	IP66	
Impact Resistance (shock)	IK10	
Internal Volume	≤ 2 dm ³ (2 liters)	

Standards:

Ex standards	EN / IEC 60079-0; 60079-1; 60079-7; 61241-0; 61241-1
Product standards	EN / IEC 60947-1; 60947-5-5
EMC standards	–
Other standards	EN / 60529 (IP); 62262 (IK)

Dimensions (mm):

