

8	9	10
ISSUE	MOD No.	INITIAL/DATE
1		INTRODUCTION DH 04-01-22
2		Warnings Updated DH 12-09-22

BExS120D
12V DC

BExS120D
24V DC

BExS120D
48V DC

BExS120D
115V AC

BExS120D
230V AC

Alarm Sounder
Current: 850mA

Input Voltage: 12V DC

Ex db IIC T4 Gb Ta. -50°C to +55°C
Ex db IIB T4 Gb Ta. -50°C to +70°C
Ex tb IIIC T100°C Db Ta. -50°C to +55°C
Ex tb IIIC T115°C Db Ta. -50°C to +70°C

II 2G
II 2D

Ex

2813

CE

UK

CA

0518

KEMA 96ATEX6312X
IECEX KEM 10.0003X
UL22UKEX2638X

Year / Serial No.
22/1S11000070

"WARNING"

DO NOT OPEN WHEN ENERGIZED
COVER BOLTS CLASS A4-80
DO NOT OPEN WHEN AN EXPLOSIVE
GAS OR DUST ATMOSPHERE IS PRESENT
USE HEAT RESISTING CABLES AND CABLE GLANDS
(Rated 110°C) AT AMB. TEMPERATURES OVER 40°C
POTENTIAL ELECTROSTATIC CHARGING HAZARD

CABLE ENTRIES
M20 x 1.5

e2s European Safety Systems Ltd. www.e2s.com
Impress House, Mansell Road, London W3 7QH, UK

60

50

Alarm Sounder
Current: 800mA

Input Voltage: 24V DC

Ex db IIC T4 Gb Ta. -50°C to +55°C
Ex db IIB T4 Gb Ta. -50°C to +70°C
Ex tb IIIC T100°C Db Ta. -50°C to +55°C
Ex tb IIIC T115°C Db Ta. -50°C to +70°C

II 2G
II 2D

Ex

2813

CE

UK

CA

0518

KEMA 96ATEX6312X
IECEX KEM 10.0003X
UL22UKEX2638X

Year / Serial No.
22/1S12000071

"WARNING"

DO NOT OPEN WHEN ENERGIZED
COVER BOLTS CLASS A4-80
DO NOT OPEN WHEN AN EXPLOSIVE
GAS OR DUST ATMOSPHERE IS PRESENT
USE HEAT RESISTING CABLES AND CABLE GLANDS
(Rated 110°C) AT AMB. TEMPERATURES OVER 40°C
POTENTIAL ELECTROSTATIC CHARGING HAZARD

CABLE ENTRIES
M20 x 1.5

e2s European Safety Systems Ltd. www.e2s.com
Impress House, Mansell Road, London W3 7QH, UK

Alarm Sounder
Current: 420mA

Input Voltage: 48 V DC

Ex db IIC T4 Gb Ta. -50°C to +55°C
Ex db IIB T4 Gb Ta. -50°C to +70°C
Ex tb IIIC T100°C Db Ta. -50°C to +55°C
Ex tb IIIC T115°C Db Ta. -50°C to +70°C

II 2G
II 2D

Ex

2813

CE

UK

CA

0518

KEMA 96ATEX6312X
IECEX KEM 10.0003X
UL22UKEX2638X

Year / Serial No.
22/1S16000073

"WARNING"

DO NOT OPEN WHEN ENERGIZED
COVER BOLTS CLASS A4-80
DO NOT OPEN WHEN AN EXPLOSIVE
GAS OR DUST ATMOSPHERE IS PRESENT
USE HEAT RESISTING CABLES AND CABLE GLANDS
(Rated 110°C) AT AMB. TEMPERATURES OVER 40°C
POTENTIAL ELECTROSTATIC CHARGING HAZARD

CABLE ENTRIES
M20 x 1.5

e2s European Safety Systems Ltd. www.e2s.com
Impress House, Mansell Road, London W3 7QH, UK

Alarm Sounder
Current: 180mA

Input Voltage: 115V AC

Ex db IIC T4 Gb Ta. -50°C to +55°C
Ex db IIB T4 Gb Ta. -50°C to +70°C
Ex tb IIIC T100°C Db Ta. -50°C to +55°C
Ex tb IIIC T115°C Db Ta. -50°C to +70°C

II 2G
II 2D

Ex

2813

CE

UK

CA

0518

KEMA 96ATEX6312X
IECEX KEM 10.0003X
UL22UKEX2638X

Year / Serial No.
22/1S15000074

"WARNING"

DO NOT OPEN WHEN ENERGIZED
COVER BOLTS CLASS A4-80
DO NOT OPEN WHEN AN EXPLOSIVE
GAS OR DUST ATMOSPHERE IS PRESENT
USE HEAT RESISTING CABLES AND CABLE GLANDS
(Rated 110°C) AT AMB. TEMPERATURES OVER 40°C
POTENTIAL ELECTROSTATIC CHARGING HAZARD

CABLE ENTRIES
M20 x 1.5

e2s European Safety Systems Ltd. www.e2s.com
Impress House, Mansell Road, London W3 7QH, UK

Alarm Sounder
Current: 90mA

Input Voltage: 230V AC

Ex db IIC T4 Gb Ta. -50°C to +55°C
Ex db IIB T4 Gb Ta. -50°C to +70°C
Ex tb IIIC T100°C Db Ta. -50°C to +55°C
Ex tb IIIC T115°C Db Ta. -50°C to +70°C

II 2G
II 2D

Ex

2813

CE

UK

CA

0518

KEMA 96ATEX6312X
IECEX KEM 10.0003X
UL22UKEX2638X

Year / Serial No.
22/1S13000075

"WARNING"

DO NOT OPEN WHEN ENERGIZED
COVER BOLTS CLASS A4-80
DO NOT OPEN WHEN AN EXPLOSIVE
GAS OR DUST ATMOSPHERE IS PRESENT
USE HEAT RESISTING CABLES AND CABLE GLANDS
(Rated 110°C) AT AMB. TEMPERATURES OVER 40°C
POTENTIAL ELECTROSTATIC CHARGING HAZARD

CABLE ENTRIES
M20 x 1.5

e2s European Safety Systems Ltd. www.e2s.com
Impress House, Mansell Road, London W3 7QH, UK

DRAWING TO BS8888:2000
GEOMETRIC TOLERANCES TO
ISO1101:1983
LINEAR DIMENSIONAL TOLS +/-0.35mm
ANGULAR DIMENSIONAL TOLS +/-2 deg

STANDARDS
BEx

DRAWN DATE 04-01-22
D.HOWGILL

CHECKED DATE 04-01-22
R.N.POTTS

APPROVED DATE 04-01-22
R.N.POTTS

SURFACE FINISH

WEIGHT (Kg)

MATERIAL
SEE NOTE

ALTERNATIVE MATERIAL

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AS PER LATEST DATE OF ISSUE SHOWN ABOVE

e2s
warning signals

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SYSTEMS LTD
IMPRESS HOUSE
MANSELL ROAD
ACTON
LONDON W3 7QH

WWW.E2S.COM

ALL DIMENSIONS IN MM
IF IN DOUBT, ASK -
DO NOT SCALE

A3

TITLE
BExS120D Range Product Label

SCALE SHEET DRAWING NUMBER
NTS 1 of 1 D210-09-011