



Anvendelse:

BZ-20 er en AC-zenerbarriereenhet beregnet for installasjon av konvensjonelle detektorer i eksplosjonsfarlige områder. (Sone 1 og sone 2).

Prinsipp:

BZ-20 skal monteres i sikkert område. Enheten har innebygget 1 - 2 stk. zenerbarrierer, som hver kan tilkobles en detektorsløyfe med 1 - 10 detektorer avhengig av gassgruppe og detektortype.

Versjoner:

BZ-20/1S - 1 sløyfe - for BX-40.*
BZ-20/2S - 2 sløyfer - for BX-40.*
BZ-20/1 - 1 sløyfe - Standard utgave.
BZ-20/2 - 2 sløyfer - Standard utgave.

* Se eget datablad.

Application:

BZ-20 is an AC-zener barrier unit designed for installation of conventional detectors in hazardous areas. (Zone 1 and zone 2).

Principle:

BZ-20 is to be mounted in safe area. It has built-in 1 - 2 pcs. of zener barriers, each able to accept 1 detector loop with 1 - 10 detectors depending upon gas group and detector type.

Versions:

BZ-20/1S - 1 loop - for BX-40.*
BZ-20/2S - 2 loops - for BX-40.*
BZ-20/1 - 1 loop - Standard version.
BZ-20/2 - 2 loops - Standard version.

* See separate data sheet.

Tekniske data/Technical data: BZ-20



Dimensjoner (HxBxD) /
Dimensions (HxWxD) : 220 x 168 x 145 mm

Vekt / Weight (BZ-20/2) : Max. 800 g

Materiale / Materials : Polykarbonat /
Polycarbonate

Driftsspennning /
Working voltage : 14 V DC

Strømforbruk /
Current consumption : 0 mA

Miljøkrav /
Environment requirement : EN 50020

Beskyttelsesgrad /
Degree of protection : IP 44

Temperatur / Temperature : - 20 / + 70°C

Fuktighet / Humidity : Max. 95% R.H.
Ingen kondensering /
Non condensing.

Zenerbarriere /
Zener barrier : Pepperl + Fuchs
Z667 (Z967)

Maksimalverdier for innebygget zenerbarriere
Z667/Ex:
Maximum values for built-in zener barrier Z667/
Ex:

C_{max} gas group IIC : 0,44 mF (0,38 mF)*
 C_{max} gas group IIB : 1,32 mF (1,14 mF)*
 C_{max} gas group IIA : 3,52 mF (3,04 mF)*

Den totale kapasitansen (inkl. kabel) i hver sløyfe
må ikke overstige C_{max} .
The total capacitance (cable incl.) in each branch
must not exceed C_{max} .

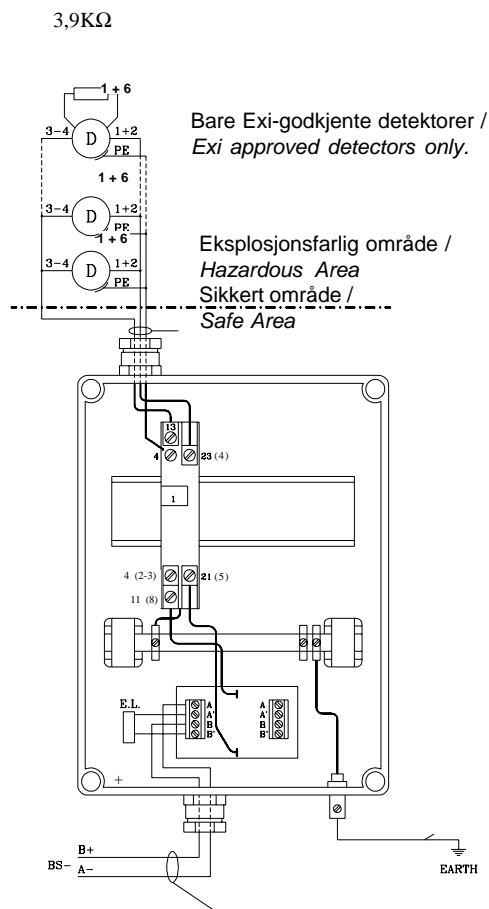
* Verdier for barriere Z967 / Values for barrier
Z967

Vedlikehold / Maintenance: Ingen / None

Godkjenninger / Approvals:

Barrier Certificate BASEEFA No. Ex822097 (Z667)
BAS01ATEX7005 (Z967)

Tilkobling / Connection:



EL = Endeled til aktuell sentral /
End load for panel in question.

Subject to changes without notice / Med forbehold om endringer uten forutgående varsel.

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