Barrier Network Fuse 242 Series

- Meets Barrier Network Standards for hazardous applications.
- High interrupting rating.
- Available in both axial lead and surface mount.

ELECTRICAL CHARACTERISTICS:

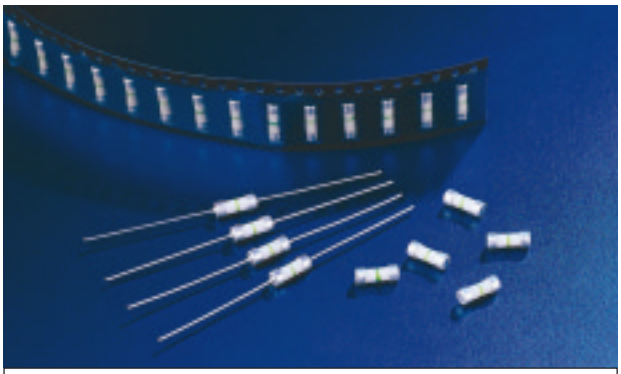
% of Ampere Rating	Opening Time
110%	4 hours, **Min**imum
300%	10 seconds, **Max**imum
1000%	0.002 seconds, **Max**imum

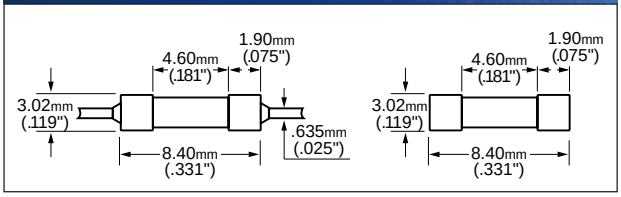
INTERRUPTING RATINGS:
4000 amperes at 250VAC/VDC

PACKAGING: For surface mount version add packaging suffix UR. For Axial Leaded version add packaging suffix UA. For Axial Leaded version, taped add packaging suffix UAT1.

ORDERING INFORMATION:

Catalog Number	Ampere Rating	Color Coding	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
0242.050	.050	Red	11.34	0.000103
0242.080	.080	Green	8.19	0.000214
0242.100	.100	Blue	3.60	0.000977
0242.160	.160	Violet	3.00	0.00157
0242.200	.200	Brown	2.68	0.0038
0242.250	.250	Black	1.6	0.00579





Safe-T-Plus Fuse 259 Series

- Designed to allow equipment to meet “Intrinsically Safe” certification for applications in gas plants, petrochemical and processing industries where there is a danger of gas explosion from faulty circuits.
- Hermetically sealed.

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, **Min**imum
200%	5 seconds, **Max**imum

AGENCY APPROVALS: Meets CENELEC EN50, 014 to 39 and BASEEFA BS 5501, part 7.

INTERRUPTING RATINGS:
50 amperes at 125 VAC
300 amperes at 125 VDC

ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Drop	Nominal Resistance Cold Ohms	Nominal Melting I^2t A^2 Sec.
0259.062	.062	2.1	8.1	0.00016
0259.125	.125	1.3	2.4	0.0012
0259.250	.250	0.83	0.87	0.0095
0259.375	.375	0.81	0.46	0.025
0259.500	.500	0.78	0.32	0.07
0259.750	.750	0.23	0.19	0.062
0259001.	1	0.24	0.14	0.01

Schedule of limitations.

1) The fuse must be so mounted that creepage and clearance distances meet the requirements of Table 2 of EN50020 :1977 or Table 4 of EN50020 :1994 (equivalent to IEC 60079-11 4th Edition 1999).

2) When used in intrinsically safe apparatus it will be necessary to determine a surface temperature classification for the fuse.