



Powering Business Worldwide

Bussmann
by **EAT•N**

FUSE EXPULSION LINK



Fuse Links
Catalog Data
CA132031EN

Effective January 2023
Supersedes November 2020

**COOPER POWER
SERIES**

Kearney fuse links

Penjelasan Kearney

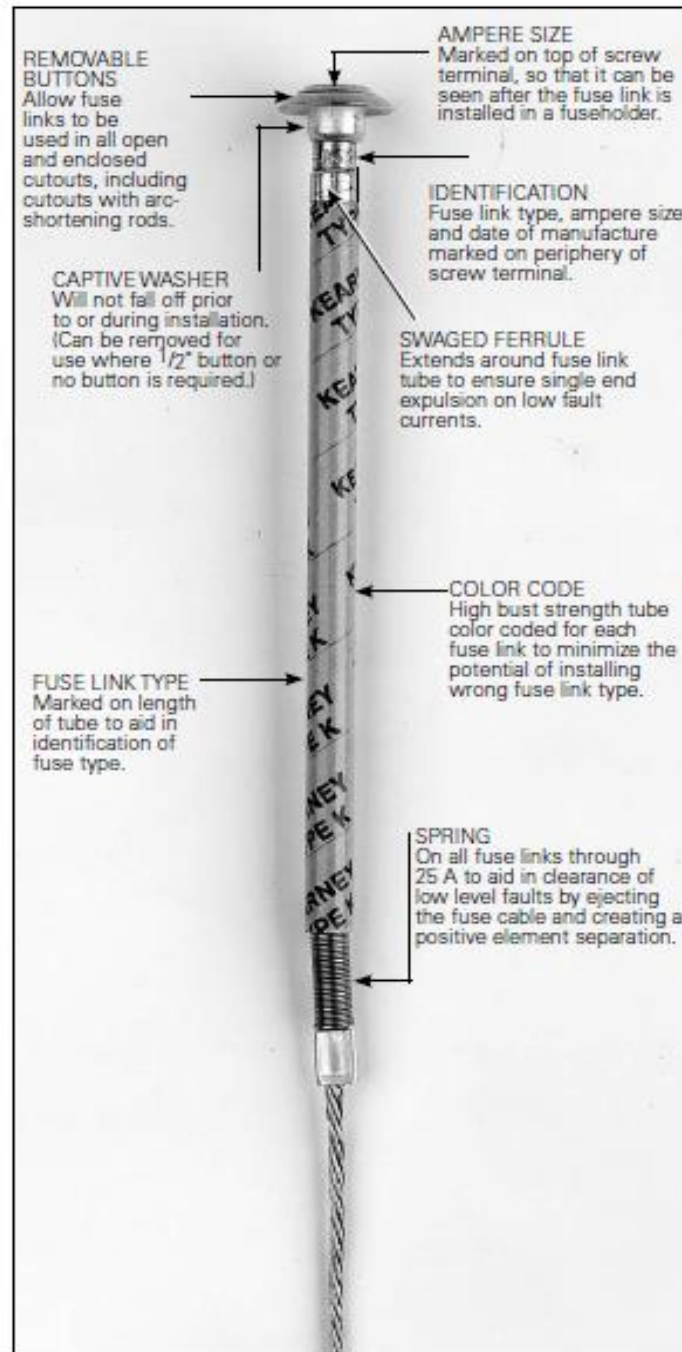


Figure 1. Fuse link features.

Kearney fuse links



General

Eaton's Cooper Power™ series Kearney™ fuse links can be applied to a variety of applications requiring overcurrent protection of distribution systems and equipment. When properly coordinated with other overcurrent protective devices, sectionalizing to isolate faulted feeder branches or equipment can be accomplished.

Kearney fuse links are available in a variety of types offering a wide selection of operating characteristics. The links incorporate low melting temperature elements, captive washers, high-resistance strain wires, and color-coded high strength tubes. The low temperature melting tin elements enhance overload capability by guaranteeing non-damageability of the fuse tubes. These elements are capable of absorbing vibration as well as thermal shock due to current surges and heating and cooling throughout the daily load cycle. They can be further distinguished by their

years of superior service proven by Time Current Characteristic (TCC) Curve verification of aged fuse links. Consult your Eaton representative for more details.

The fuse links have been designed and tested to the IEEE Std C37.42™ standard.

The following are the types of fuse links offered:

- Type K
- Type T
- Type 200™ (N)
- Type KS
- Type SQ
- Type QA™
- Type X
- Secondary Indicating Fuses

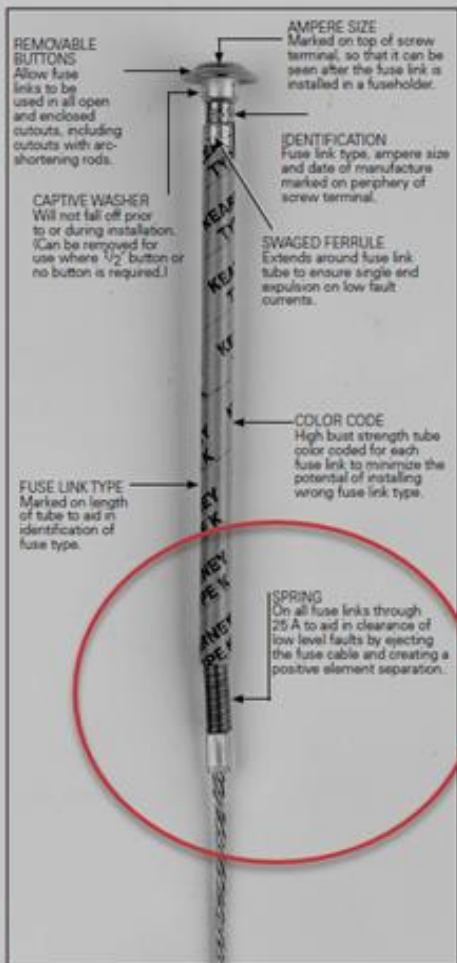


Figure 1. Fuse link features.

Type QA (tube color yellow)

Kearney Type QA fuse links are classified as "medium" speed fuse links with a nominal speed ratio of 10. Type QA fuse links will carry 100% of the rated current continuously without damage, and provide good coordination possibilities with relays and reclosers.

➔ Diteruskan



- 1) Are they referring to original Kearney or fake one ? Original Kearney supposes to have spring at the end. So using the original Kearney datasheet for the fake one would not be right.

Apakah mereka merujuk pada Kearney asli atau yang palsu? Kearney asli seharusnya memiliki pegas di ujungnya. Jadi, menggunakan lembar data Kearney asli untuk yang palsu tidaklah tepat.

- 1) Our strong point should be that our spec, dimension, and manufacturing has been audited by PLN.

Kekuatan kami adalah spek, dimensi, dan produksi kami telah diaudit oleh PLN (Eaton-Bussmann).

- 1) Original Kearney from Mexico, and with the added spring, would surely cost more.

Kearney asli dari Meksiko, dan dengan tambahan pegas, harganya pasti lebih mahal.

UPDATE DARI PLN PUSERTIF

- Jan 2024 PLN PUSERTIF Visit dan Audit
- Ke Factory Eaton-Bussmann untuk Pengujian Fuse Link dan Hasilnya PASSED / Bagus
- Dan sudah bisa di pasarkan di Indonesia
- Dgn Merek : Eaton-BUSSMANN



PLN Pusertif visited Eaton

Fuse Link Release untuk PLN-Indonesia



General specifications

Product specifications

Product Name	Eaton Bussmann series medium voltage expulsion fuse
Compliances	ANSI C37.42,
Rated frequency- Max	60 Hz
Rated frequency - min	50 Hz
Interrupt rating	8 kAIC
Fuse link length	660 mm
Type of termination	Removable buttonhead
Label Color	Yellow
Standard	ANSI C 37-24
Release characteristic	K
Type	Medium Voltage Expulsion Fuse Link
Current characteristic type	Type K - Complies with ANSI C 37-42 requirements for fast acting K
Voltage rating	Characteristics 24 kV
Application	Primary side transformer protection, feeder protection, capacitor bank protection
Voltage type	AC

SPLN LMK/SRM Pre-Certification



PUSAT SERTIFIKASI

SURAT KETERANGAN

Nomor.0013.400/ORG.01.03/29000000/2024

Merindangkan Email dari PT Eaton Industries Tanggal 03 Februari 2024, perihal Permohonan Surat Keterangan Proses SRM.

Bernama ini kami menerangkan bahwa:

Nama Perusahaan : PT Eaton Industries
Alamat Perusahaan : Menara Bidakara 2, 12 th Floor, Jl. Jend. Gatot Subroto Kav. 71-73 Jakarta 12870
Telepon / Fax : 021 - 29499000/ 29499001
Produk : Fuse Link 1A s/d 100A 24 KV, Type K
Merk : Eaton Buessmann Series
Standar : SPLN D3.026.2017

Terhadap Produk yang bersangkutan saat ini sedang dalam proses Sertifikasi SRM tahap:

- ☐ 1. Verifikasi Dokumen
- ☐ 2. Asesmen Pabrik
- ☒ 3. Pengujian Jenis
- ☐ 4. Pemenuhan Laporan Ketidaksesuaian (JKS)
- ☐ 5. Penerbitan Sertifikat

Surat keterangan ini berlaku sampai dengan 2 (dua) bulan sejak diterbitkan.

Demikian surat keterangan ini dibuat dengan sebenarnya dan untuk digunakan sebagaimana mestinya.

Jakarta, 07 Februari 2024
SENIOR MANAGER SERTIFIKASI PRODUK,
SISTEM-SUSHA, JEMEN & KALIBRAS



- Quality control of raw materials/component, production processes and finished products is in accordance with the SRM certification requirements.
- Manufacture has implemented of Quality Management System ISO 9001:2015 consistently certified by DQS Inc. valid until June 9th 2024.
- Raw material are tested before going to the production process (sampling QC incoming report for Body Tube, Buttweld, Copper Flexible, Copper Sleeve and Steel Tape).
- Traceability of Product can be tracked back from Process Production until Raw Material.
- Testing Equipment is calibrated based on schedule calibration.
- Production machine has maintained as schedule preventive maintenance.
- Personnel of quality control and production are competence.

1.1 Non-Conformity (NCR)

- (-) Major NCR
- (-) Minor NCR
- (-) (Three) Observation

1.2 Observation:

- Eaton Power Quality Private Limited requires that the Copper Flexible specification refer to BS and be included in the Green Channel Parts category. To maintain consistency in the quality of the part material, it is recommended that Eaton add its length and heat treatment checks to the supplier.
- SPLN requires Time-current characteristic tests to be included in routine test items, Eaton has not included these test items in the list of routine test items.
- We recommend that all materials that have passed quality control to be given a consistent quality status identification.

2. CONCLUSION

- Eaton Power Quality Private limited capable to show produce of Fuse Link on SPLN D3.026.2017 and should passed the test in the laboratory that are appointed.

3. NOTES

- Eaton has been able to carry out TCC tests of 0.35, 0.5s and 0.8s and Resistance on 10A and 60A Fuse Links. Taking sampling is held on January 22nd 2024, minute of sampling attached.

Perihal: Surat keterangan SRM, 01st 2024

1. (Dikirim ke: PT Eaton Industries)

Lead Auditor:

2. (Dikirim ke: PT Eaton Industries)

Auditor:

3. (Dikirim ke: PT Eaton Industries)

PT Eaton Industries

4. (Dikirim ke: PT Eaton Industries)

Eaton Power Quality Private Limited

Form-Bater A Competive
GPT PLN (Persero) Pusat Sertifikasi

PS-63a (Rev. 6, 15-04-2023)
Uncontrolled when printed or downloaded



ASESMEN REPORT OF SRM

No : 0340/ORG.01.03/29000000/2024

1. COMPANY PROFILE

1. Sales Representative Name : PT EATON INDUSTRIES
2. Director : MUCDAR ANGGARAN PUTRA
3. Sales Representative Address : Menara Bidakara 2 12 12 J. Gatot Subroto Kav. 71-73 Jakarta
4. Telp / Email : 021 - 29499000
5. Factory Name : Eaton Power Quality Private Limited
6. Factory Manager : Mr. Joseph V Wilson
7. Factory Address : Eaton Power Quality Private Limited 42, ENR Street, Sedangap Pondokcherry 405 111 8034
8. Telp / Fax (Factory) : +61 433 2672000 +61 433 2675110
9. Day/ Date : January 30th, 31st 2024
10. Trademark :  BUSSMANN SERIES
11. Product : Fuse Link
12. Standard : SPLN D3.026.2017

2. NAME OF AUDITORS

NO	NAME	STATUS
1.	DEBIT GUNARDO PUTRO	LEAD AUDITOR
2.	HARYO AGUNG WISOWO	AUDITOR

3. ASSESSMENT EVALUATION

3.1 Non-Conformity report of previous surveillance, if any:

- (-) Major NCR
- (-) Minor NCR
- (-) Observation

3.2 Process that compliant with standard

Form-Bater A Competive
GPT PLN (Persero) Pusat Sertifikasi

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NON-CONFORMITY (NCR)

PT EATON INDUSTRIES & Eaton Power Quality Private Limited

No	Auditor	Corrective Action (Filled out by Auditor)	Evidence of Correc (Filled out by Auditor)
1)		Cause analysis :	
		Corrective action :	

Known by:

EATON POWER QUALITY PRIVATE LIMITED

(Jaya Kumar)

05, Minor + implement NCR 3 (Two) month
any example

Form-Bater A Competive
GPT PLN (Persero) Pusat Sertifikasi

Uncontrolled

Pre-SRM / LMK PLN

Product Fuse Link



Informasi Fuse Link Eaton (Bussmann/Kearney)

- Email : aliafauzi@eaton.com
- WA / Phone : +62 811 916 1000



PT Eaton Industries

5,0 ★★★★★ (1)

Pemasok peralatan industri di Jakarta Selatan



Situs



Rute



Simpan



Bagikan



Telepon

Informasi Umum

Ulasan

Alamat: Trinity Tower #10-01 Jl, Jl. Hr. Rasuna Said Block IIB Kav C22, Daerah Khusus Ibukota Jakarta 12940

Jam: Buka · Tutup pukul 17.30 ▼

Telepon: (021) 21687777