



# Cooper power systems fusing equipment

Cooper Power Systems offers a wide variety of fuse kV and amp ratings for use on both horizontal and vertical ... Fusing Equipment 240-37 January 1990 o Supersedes 11/82 o &#169;2006 Cooper Power Systems, Inc. Capacitor Expulsion Fuse Figure 1. ELF Current-Limiting Dropout Fuses.

Sensing Bay-O-Net fuse link is used in Cooper Power Systems Bay-O-Net fuse assemblies (see Section 240-40) to protect dis tri bu tion ap paratus from ... (5000023080) for re-fusing instructions. Fusing Equipment Dual Sensing Bay-O-Net Fuse Link Electrical Apparatus-240-46 July 2006 o Supersedes 06/05 1 Printed in U.S.A.

Page 1 COOPER POWER Fusing Equipment SERIES Effective March 2015 MN132002EN Supersedes S240-40-3 January 2004 23 and 38 kV Bay-O-Net fuse re-fusing installation instructions...; Page 2 CONTENTS OF THIS DOCUMENT SHALL NOT BECOME PART OF OR MODIFY ANY CONTRACT BETWEEN THE PARTIES. In no event will Eaton be responsible ...

with Cooper Power Systems requirements. 100% Physical Inspection 2100% I t Testing 100% Resistance Testing Fusing Equipment Direct-Connected Capacitor Fuse Electrical Apparatus 240-63 August 2008 o Supersedes 10/95 1 Fuse Type Full-range Maximum Interrupting Current 50,000 A rms symmetrical Figure 1. Direct-connected capacitor fuse.

a Fuse voltage ratings recommended for these systems are based on simultaneous operation of the Companion II fuses for high-current faults. b For single-phase applications on delta systems, one fuse of this rating is required in each phase. Note: In most cases, a higher voltage fuse will be acceptable where a smaller voltage fuse is acceptable.

Sensing Bay-O-Net fuse link is used in Cooper Power Systems Bay-O-Net fuse assemblies (see Section 240-40) to protect distribution apparatus from ... (5000023080) for re-fusing instructions. Fusing Equipment Current sensing Bay-o-Net Fuse Link Electrical Apparatus-240-45 July 2006 o Supersedes 11/05 1 Printed in U.S.A.

Edison tin and silver fuse links General Eaton's Cooper PowerE series EdisonE 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

in Eaton's Cooper Power series Bay-O-Net fuse assemblies (see Catalog CA132015EN Sidewall- ... and on three-phase equipment through 1500 kVA. A Bay-O-Net fuse is ideal for use in a two-fuse protection scheme with a current-limiting backup ... Eaton s Cooper Power Systems Division 2300 Badger Drive Waukesha, WI 53188 United States Cooperpower



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This catalog provides features and ordering information for Eaton's Cooper Power series current sensing Bay-O-Net fuse link that is used in Bay-O-Net fuse assemblies to protect distribution ...

Cooper Power Systems Kearney(TM) line of fuse links, Edison 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. Edison ...

safety unattainable with other fusing equipment. For additional mounting arrangements contact your Cooper Power Systems Representative. Clip-Style Mounting The basic NX&#174;, ELX, and X-Limiter(TM) fuses are all designed to mount in a Cooper Power Systems clip-style mounting, where there is no switching or loadbreaking required. The clip-style

The Cooper Power Systems ELSP Current-limiting Backup Fuse is used in series with low current primary protection devices such as a Bay-O-Net Fuse or MagneX(TM) Interrupter. The ELSP fuse is designed for use in transformer oil, Envirotemp(TM) FR3(TM) fluid, or an approved equivalent. The fuse's highly efficient current-

The Cooper Power Systems Dual Element Bay-O-Net Fuse Link is used in Bay-O-Net fuse assemblies (see Section 240-40) to protect distribu- ... S240-40-3 for re-fusing details. Fusing Equipment Dual Element Bay-O-Net Fuse Link Electrical Apparatus-240-48 0812 o Supersedes 0711 Figure 1. Dual Element Bay-O-Net Fuse Link.

transformers and on three-phase equipment. Its ideal use is in a two-fuse protection scheme with a current-limiting backup fuse. ... Eaton s Cooper Power Systems Division 2300 Badger Drive ... Catalog Data CA132010EN Effective February 2015 For Eaton s Cooper Power series Bay-O-Net fuse link product information call 1-877-277-4636 or visit ...

o Power systems studies and analysis Express Ship program Whether a natural disaster or an unexpected equipment failure, sometimes equipment is needed Engineering services quickly to keep operations up and running. Eaton's Express Ship program provides fast delivery on an assortment of Cooper Power series equipment and accessories.

fuse operates, a striker pin is fired, dislodging the blue cap and exposing the indicator band. Figure 1 . Line drawing of 8 .3/13 2 kV and 172/23 kV ELF-LR fuse . Installation ELF-LR fuses may be used as replacement fuses or in original equipment. Replace fuses of equal size and rating only. The ELF-LR fuse can be installed



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using a Kearney(TM)

Sensing Bay-O-Net fuse link is used in Cooper Power Systems Bay-O-Net fuse assemblies (see Section 240-40) to protect distribution apparatus from ... for re-fusing instructions. Fusing Equipment Dual Sensing Bay-O-Net Fuse Link Electrical Apparatus 240-46 1 0812 o Supersedes 0711 Figure 1. Dual Sensing Bay-O-Net Fuse Link.

mal characteristics of typical Cooper Power Systems transformers. Recommended fuses meet inrush requirement of 12 times transformer full load current for 0.1 second. Bay-O-Net Fuse Links 4038108C09-C12 should not be used at voltages greater than 15500 V for delta configurations. Bay-O-Net Fuse Links 4038108C03-C07 alone should not

Cooper Power Systems 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

Title: High ampere overload Bay-O-Net fuse link catalog Author: Eaton Subject: This catalog provides features and ordering information for Eaton's Cooper Power series high ampere overload Bay-O-Net fuse link which is found in Eaton's Cooper Power series silver-plated Bay-O-Net assemblies that protect distribution apparatus from damaging currents and distribution ...

Eaton's Cooper Power series Bay-O-Net fuse assemblies are o Do not operate loadbreak equipment if a fault used to protect transformers and distribution systems. The condition is suspected. Doing so can cause an assemblies are mounted on the faceplate of pad-mounted explosion or fire.

Sensing Bay-O-Net fuse link is used in Cooper Power Systems Bay-O-Net fuse assemblies (see Section 240-40) to protect distribution apparatus from ... for re-fusing instructions. Fusing Equipment Current Sensing Bay-O-Net Fuse Link Electrical Apparatus 240-45 0912 o Supersedes 0812 1 Figure 1. Bay-O-Net Fuse Link with contacts.

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COOPER POWER SERIES Fusing Equipment MN132026EN Effective November 2016 Supersedes June 2012 (S240-56-1) ... damage or loss of use of equipment, plant or power system, cost of capital, loss of power, additional expenses in the use of ... Eaton's Power Systems Division 2300 Badger Drive Waukesha, WI 53188 United States

current-limiting backup fuse that is used in series with low current primary protection devices such as a Bay-O-Net fuse or its Cooper Power series MagneX(TM) interrupter. The ELSP fuse is designed for use in



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transformer oil, Envirotemp(TM) FR3(TM) fluid, or an approved equivalent. The fuse's highly efficient current-limiting section

Fusing Equipment High Ampere Overload Bay-O-Net Fuse Link Electrical Apparatus 240-49 July 2006 o Supersedes 05/05 1 Printed in U.S.A. ... \* In Cooper Power Systems Bay-O-Net assemblies only. Where available fault current exceeds rated value, coordinated current-limiting fusing, such as an ELSP (Section 240-50) or approved equivalent, must be ...

The fuse is not adequate. Choose 45 A NXC and derate for 55°C ambient.  $A_{55} = 45 \times [0.805] = 36.23$  36.23 is less than required 37.39. The 45 A NXC fuse is not adequate. Choose 65 A NXC fuse and derate for 55°C ambient.  $A_{55} = 65 \times \{0.805\} = 52.32$  52.32 exceeds 37.38 amps. 65 A NXC fuse is proper choice. Table 1. Fusing recommendations Capacitor or ...

To order Cooper Power Systems Isolation Link, first refer to Sections 240-45 (current sensing) 240-46 (dual sensing), 240-48 (dual element) or 240-49 (high ampere overload) for details on corresponding Cooper Power Systems Bay-O-Net fuse or Section 240-34 for details on MagneX Interrupter elements. For the fuse elements, use Table 1 to cross

Eaton's Cooper Power series electrical distribution class fuse cutouts are available in a variety of types: universal, arrester combinations and loadbreak types. All cutouts provide reliable ...

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