

BUSSMANN SERIES

TDC180 (8AG)



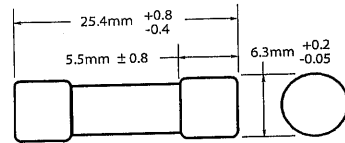
British plug top fuse fast/medium



Product features

- 1/4" x 1" fast/medium British plug top fuse.
- Ceramic tube - end caps:
 - 2 A - 5 A nickel-plated brass
 - 1 A & 7 A silver-plated copper
 - 10 A - 13 A nickel-plated copper
- 240 Vac
- Standards BS1362, IEC 269-3A

Dimension-mm



Electrical Ratings (Part number and Amperes)

240 Vac

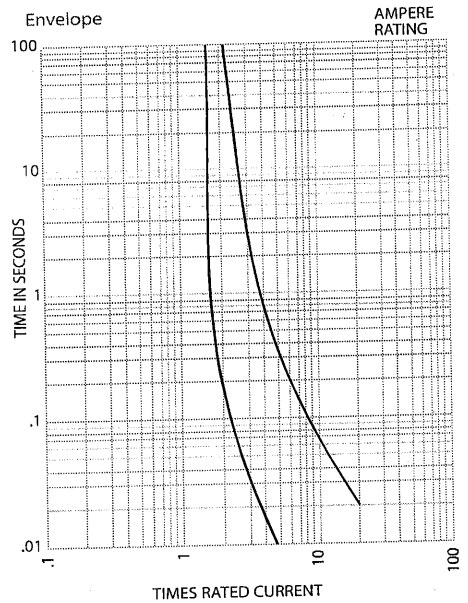
TDC180-1A	TDC180-5A	TDC180-13A
TDC180-2A	TDC180-7A	---
TDC180-3A	TDC180-10A	---

Rated Current	Rated Volt AC	Breaking Capacity	Power Dissipation Max.	Color	Approvals
1 A	240 (264 max.)	6000 A 264 VAC, 50 Hz p.f. 0.3 - 0.4	1 Watt	Black	Asta CCC
2 A				Black	
3 A				Red	
5 A				Black	
7 A				Black	
10 A				Black	
13 A				Brown	

Limits for Pre-arcing Time

In	1.0 In.	1.6 In.	1.9 In.
	MIN	MIN	MAX
1 A - 13 A	1000 hours	30 min.	30 min.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc).





CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No. : 2003010308039745

NAME AND ADDRESS OF THE APPLICANT

Dong Guan Cooper Electronics Co., Ltd
Xin Min Industrial Estate Changan Donggaun Guangdong Province China

TRADE MARK: Bussmann

NAME AND ADDRESS OF THE MANUFACTURER

Dong Guan Cooper Electronics Co., Ltd
Xin Min Industrial Estate Changan Donggaun Guangdong Province China

NAME AND ADDRESS OF THE FACTORY

Dong Guan Cooper Electronics Co., Ltd
Xin Min Industrial Estate Changan Donggaun Guangdong Province China

NAME, MODEL AND SPECIFICATION

Cartridge Fuse-Links

TDC180; Ue:240V; In:1A, 2A, 3A, 5A, 7A, 10A, 13A; 额定分断能力:6kA; 分断范围类别:g; 使用类别:C

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB13539.1-2002、GB13539.3-1999、GB/T13539.5-1999

THIS IS TO CERTIFY THAT THE ABOVE MENTIONED PRODUCTS HAVE QUALIFIED FOR THE REQUIREMENTS OF IMPLEMENTATION RULES FOR COMPULSORY CERTIFICATION

ISSUED DATE: Dec. 22, 2004

THE VALIDITY OF THE CERTIFICATE DEPEND ON THE FOLLOW UP INSPECTION BY THE CERTIFICATION BODY AT REGULAR INTERVALS

(ORIGINAL ISSUED DATE: Apr. 21, 2003)



President:

李怀林

Li Huailin



A10 Chaoyangmenwaidajie Beijing 100020 P.R.China <http://www.cqc.com.cn>

A 0170559

ASTA

CERTIFICATE OF COMPLETE COMPLIANCE

Laboratory Ref. Nos: 20070854-01 and 20070922

Certificate No. 16761

APPARATUS: General Purpose "B" Type Fuse-links with Ferrule Contacts for Domestic and Similar Purposes, Principally for use in Plugs.

Ratings :- Rated Voltage 240V : Rated Currents 2A, 3A and 5A: Rated Frequency 50Hz.

DESIGNATION: Type "TDC180"

MANUFACTURER: Dongguan Cooper Electronics Co. Ltd., Xin Min Industrial Estate, Chang An, Town, Dong Guan City, China.

TESTED BY: Paul P. Gubany Center for High Power Technology,
Cooper Bussmann, P.O. Box 14460, St. Louis, Missouri, MO 63178-4460, U.S.A

DATE OF TESTS: 20th July to 12th October 2007

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

BS 1362:1973 (Incorporating Amendment Nos. 1 and 2)

The results are shown in the Record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

Rated Frequency	: 50Hz
Rated Power Loss	: 1 Watt maximum
Rated Breaking Capacity	: 6kA at 240Vac

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the Manufacturer.

This Certificate comprises 65 pages, 5 diagrams, 59 oscillograms, 10 photographs, 14 drawings and no other sheets as detailed in page 1

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby. CV21 2DN England.



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K. Borgwald ASTA Observer
K. Borgwald

C. Diack-Evans Director
C. Diack-Evans

7th November 2007 Date

ASTA

CERTIFICATE OF SUPPLEMENTARY TESTS

Laboratory Ref. No: 20070854-02

Certificate No. 16762

APPARATUS: General Purpose "B" Type Fuse-links with Ferrule Contacts for Domestic and Similar Purposes, Principally for use in Plugs.
Ratings :- Rated Voltage 240V : Rated Currents 10A and 13A : Rated Frequency 50Hz.

DESIGNATION: Type "TDC180"

MANUFACTURER: Dongguan Cooper Electronics Co. Ltd., Xin Min Industrial Estate, Chang An, Town, Dong Guan City, China.

TESTED BY: Paul P. Gubany Center for High Power Technology,
Cooper Bussmann, P.O. Box 14460, St. Louis, Missouri, MO 63178-4460, U.S.A

DATE OF TESTS: 23rd July to 12th October 2007

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

BS 1362:1973 (Incorporating Amendment Nos. 1 and 2) to extend the applicability of the following ASTA Certificates of Complete Compliance;

ASTA Certificate No. 15877	Dated 7th December 2004	10A Rated Current
ASTA Certificate No. 15876	Dated 3rd December 2004	13A Rated Current

The results are shown in the Record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below.

To incorporate tests to verify the suitability of fuse-links having nickel plated end caps and eyelets manufactured by an alternative supplier.

Rated Frequency	: 50Hz
Rated Power Loss	: 1 Watt maximum
Rated Breaking Capacity	: 6kA at 240Vac

The record of Proving Tests applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the Manufacturer.

This Certificate comprises 21 pages, 2 diagrams, 4 oscillograms, 7 photographs, 16 drawings and no other sheets as detailed in page 1.

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA BEAB Certification Services, Hilton House, Corporation Street, Rugby. CV21 2DN England.



K. Borgwald
ASTA Observer
K. Borgwald

C. Diack-Evans
Director
C. Diack-Evans

7th November 2007
Date