

Circuit breakers

Order code	Manufacturer code	Description
26-5210	TR11C6.0	6A MINIATURE PANEL CIRCUIT BREAKER

Circuit breakers	Page 1 of 9
The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

EC Declaration of Conformity

Manufacturer's name and address: Teknic Electromeconics PVT. Ltd.
No.93 Electronics City Hosur Road
561 229 BANGALORE
India

Product: Circuit breaker for equipment

Type designation: TR11

The designated product is in conformity with the European Directive

73/23/EEC *including amendments*

****Council Directive of 19 February 1973 on the harmonization of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits *.***

Full compliance with the standards listed below proves the conformity of the designated product with the provisions of the above-mentioned EC Directive:

DIN EN 60934 (VDE 0642):1995-04	EN 60934:1994 + A1:1994
DIN EN 60934/A2(VDE 0642/A2):1998-06	EN 60934:1994/A2:1997
DIN EN 60934/A11(VDE 0642/A7):1999-01	EN 60934:1994/A11:1998

The VDE Testing and Certification Institute (EU Identification No. 0356), Merianstr. 28, D-63069 Offenbach, has tested and certified the product granting the VDE Licence for the mark(s) as displayed.



Licence No. 128558

File Reference: 23112-4403-0001 / 325FX F32 / KO

Name und Sitz des Genehmigungsinhabers / Name and registered seat of the Licence holder

Teknic Electromechanics PVT. Ltd., No.93 Electronics City Hosur Road
561 229 BANGALORE, India

Referenz-Nr. / File ref.

23112-4403-0001 / 325FX F32 / KO

letzte Änderung / updated

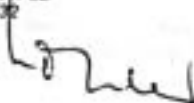
2000-08-10

Datum / Date

2000-07-11

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 128558.
This supplement is only valid in conjunction with page 1 of the Licence No. 128558.

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Fachgebiet F32
Section F32



i.H. Klam Fra

File E209569
Project 00NK25157

February 27, 2001

REPORT

on

COMPONENT - PROTECTORS, SUPPLEMENTARY

Teknic Electromechanics PVT Ltd.
Bangalore, India

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DESCRIPTION

PRODUCT COVERED:

Component - Supplementary Protectors TR-11 Series followed by suffixes.

GENERAL:

These devices are single pole overcurrent thermal magnetic supplementary protectors. They are intended to provide supplementary protection within general use electric equipment where branch circuit overcurrent protection is already provided or not required.

RATINGS:

These devices have a continuous rating of 0.5 to 6 A (with a heater element) and 5.5 to 16 A (without a heater element) at 240 V ac and 32 V dc.

Short Circuit Rating - 1000 A, 240 V ac and 32 V dc.

Certificate of Compliance

Certificate: 1076973

Master Contract: 188034 (LR 110904)

Edition: 3

Date Issued: March 27, 2002

Issued to: Teknic Electromechanics Pvt. Ltd.
Electronics City
93 Hosur Road
561229 Bangalore
INDIA

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by:

Brij P. Aggarwal
Brij Aggarwal, P. Eng.

Authorized by: Terry Nagy
Operations Manager

Terry Nagy

PRODUCTS

CLASS 3215 30 - Supplementary Protectors
CLASS 3215 90 - Supplementary Protectors (Certified to U.S. Standards)

Appliance Protector, TR-11 series, 240 V ac or 32 V dc, rated 0.5 A to 6 A (with heater element) and 5.5 A to 16 A (without heater element).

Notes:

1. Sold only to manufacturer's, as components for the assembly of Certified electrical equipment.
2. Suffix letters and numbers are added to series designation to indicate the mounting, contact configuration, contact size, and current rating.
3. For use in circuits with max. circuit short capacity of 1000 A.

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

ZEICHENGENEHMIGUNG MARKS LICENCE

Teknic Electromechanics PVT. Ltd.
No.93 Electronics City Hosur Road
561 229 BANGALORE
India

ist berechtigt, für ihr Produkt /
is authorized to use for their product

Geräteschutzschalter
Circuit breaker for equipment
TR11

die hier abgebildeten markenrechtlich geschützten Zeichen für die
ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 60934 (VDE 0642):1995-04
DIN EN 60934/A2(VDE 0642/A2):1998-06
DIN EN 60934/A11(VDE 0642/A7):1999-01

EN 60934:1994 + A1:1994
EN 60934:1994/A2:1997
EN 60934:1994/A11:1998

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Zertifizierungsstelle
Certification

Aktenzeichen: 23112-4403-0001 / 325FX F32 / KO
File ref.:

Ausweis-Nr.: 128558
Licence No.:

Blatt 1
page

Weitere Bedingungen siehe Rückseite und Folgebögen /
further conditions see overleaf and following pages
Offenbach, 2000-07-11

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Licence holder

Teknic Electromechanics PVT. Ltd., No.93 Electronics City Hosur Road
561 229 BANGALORE, India

Aktenzeichen / File ref.

23112-4403-0001 / 325FX F32 / KO

letzte Änderung / updated

2000-08-10

Datum / Date

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This supplement is only valid in conjunction with page 1 of the Licence No. 128558.

Jahresgebühren-Einheiten /
Annual fee units

Geräteschutzschalter

Circuit breaker for equipment

10,23

Typ(en) / Type(s)

TR11

Bemessungsbetriebsspannung

Rated operational voltage

AC 240 V

DC 24 V

9,30

Bemessungsstrom

Rated current

0,5 - 12 A

Anzahl der Pole

Number of poles

einpolig / single pole

Bedingter

Bemessungskurzschlußstrom

Rated conditional short-circuit
current

1000 A (PC1); Vorsicherung: 25 A, 500 V, gL

1000 A (PC1); SCPD/Fuse 25 A, 500 V, gL

Bemessungsfrequenz

Rated frequency

50 Hz / DC

Bemessungsisolationsspannung

Rated insulation voltage

250 V

Elektrische Lebensdauer

Electrical endurance

50 Zyklen / cycles

Auslöseart

Mode of tripping

T0

Grad der Auslösung

Degree of trip-free behavior

Positive Freiauslösung

positively trip-free

Bestätigungsart

Method of operation

"R"

Fortsetzung siehe Blatt 3 /

continued on page 3

Name und Sitz des Genehmigungs-Inhabers / Name and registered seat of the Licence holder

Teknic Electromechanics PVT. Ltd., No.93 Electronics City Hosur Road
561 229 BANGALORE, India

Alterzeichen / File ref

23112-4403-0001 / 325FX F32 / KO

letzte Änderung / updated

2000-08-10

Datum / Date

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Jahresgebühren-Einheiten /
Annual fee units

Befestigungsart Method of mounting	Einbautyp build in device
Schutzklasse Protection against electric shock	II (zum Betätigungsteil) II (to the operating mean)
Anschluß Type of terminal	Flachstecker Quick connect terminals
Bezugsumgebungstemperatur Ambient air temperature	-5°C...+40°C
Verschmutzungsgrad Pollution degree	2
Überspannungskategorie Overvoltage category	II

Summe der Jahresgebühren-Einheiten
Sum of annual fee units

26,97

Dieser Zeichengenehmigungs-Ausweis bildet die Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den genannten Normen im Sinne der EG-Niederspannungsrichtlinie 73/23/EWG mit ihren Änderungen.

This Marks Licence is the basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and shows the conformity with the said standards as defined by the EC Low-Voltage Directive 73/23/EEC including amendments.

Fortsetzung siehe Blatt 4 /
continued on page 4