Gutachten *Technical Report*

mit Fertigungsüberwachung *with Production Inspection*

TÜV Rheinland

Registrier Nr. *Registration No.* J 9650886

Blatt *Page* 01

Ihr Zeichen *Client Reference* 96-306-206N

Unser Zeichen *Our Reference* 00943-TAN/mma E9661025E01

Ausstellungsdatum *Date of Issue (day/mo/yr)* 24.09.96

Antragsteller *Applicant*
Idec Izumi Corp.
Standards & Records
1-7-31 Nishi-Miyahara
Yodogawa-ku, Osaka 532
Japan

Fertigungsstätte *Manufacturing Plant*
Idec Izumi Corp.
Kyoto Plant
20 Ohari, Kotari
Nagaokakyo-shi, Kyoto 617
Japan

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Geprüft nach *Tested Acc. to*

EN 60947-1/10.91
EN 60947-7-1/10.91 (excl. sub-clauses 7.2.3 and 8.3.4)

Zertifiziertes Produkt *Certified Product* **(Geräteidentifikation)** *(Product Identification)* **Lizenzentgelte - Einheit** *License Fee - Unit*

Terminal Block

Type Designation	:	BN500 Series	10
		BN600 Series	2
		(see appendix 1)	
Rated Insulation Voltage	:	660V	
Rated Current	:	see appendix 1	
Overvoltage Category	:	III	
Rated Connecting Capacity	:	only for insulated cable lug, see appendix 1	
Protection Degree	:	IP00	

Installation according to manufacturer's instruction.

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above-mentioned-requirements, the production is subject to surveillance.

Zertifizierungsstelle
Der Stellvertreter

Product Safety · Quality Assurance · TÜV Rheinland · Approved

Dipl.-Ing. K. Heinz

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

Gutachten *Technical Report*

mit Fertigungsüberwachung *with Production Inspection*

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Registrier Nr. *Registration No.* J 9650886

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Ausstellungsdatum *Date of Issue (day/mo/yr)* 24.09.96

Antragsteller *Applicant*
Idec Izumi Corp.
Standards & Records

1-7-31 Nishi-Miyahara
Yodogawa-ku, Osaka 532
Japan

Fertigungsstätte *Manufacturing Plant*
Idec Izumi Corp.
Takino Plant
355-18 Kuroishi
Kohtaka, Takino-cho
Kato-gun, Hyogo 679-02
Japan

Geprüft nach *Tested Acc. to*

EN 60947-1/10.91
EN 60947-7-1/10.91 (excl. sub-clauses 7.2.3 and 8.3.4)

Zertifiziertes Produkt *Certified Product* **(Geräteidentifikation)** *(Product Identification)* **Lizenzentgelte - Einheit** *License Fee - Unit*

Terminal Block

Addition

Factory : see above

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ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
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Product Safety · Quality Assurance
TÜV Rheinland
Approved

Dipl.-Ing. K. Heinz

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln

TÜV Rheinland D-51105 Köln Am Grauen Stein Konstantin Wille Str. 1	Gen. -Ausw. -Nr. J 9650886	Aktenzeichen 943-TAN/aue-E 9661025E01 (to be filled in by TÜV Rheinland)	Anlage-Nr. 1

Constructional Data Form for Terminal Blocks

Licenseholder : IDEC IZUMI CORPORATION
7-31 Nishimiyahara 1-chome, Yodogawa-ku, Osaka 532 Japan

Factory : IDEC IZUMI CORPORATION
(full address) 20, Ohari, Kohtari, Nagaokakyo-shi, Kyoto 617 Japan
IDEC IZUMI CORPORATION-Takino Plant
355-18, Aza-kuroishi, Oaza-kohtaka, takino-cho, Katoh-gun, Hyogo 679-02 Japan

Type of Appliance: Terminal blocks for copper conductors

Type or Model Number : BN500BW□K, BN500NW□K, BN600NW□K (□: Number of poles)

	BN500BW□K	BN500NW□K	BN600NW□K
Type of terminals	Screw type(Bolt type)	Screw type (Nut type)	
Material/plating of the terminal screw	Zinc/Nickel/Chrome plated steel/brass or Stainless steel		
Material/plating of the terminal plate	Nickel plated copper		
Material/plating of the Mounting bracket	Zinc plated steel		
Rated insulation voltage (V)	660		
Rated impulse withstand voltage (kV)	Not Specified		
Overvoltage category	III		
Pollution degree	3		
Rated current (A)	430		520
Number of terminal assemblies	1		
Number of clampings per terminal assembly	2		
Type of conductor	Stranded		
Connectable conductors ISO(mm^2) or AWG number (metric equivalent (mm^2))	16 to 240(mm^2) or 6 AWG to 500 MCM (13.3 to 253 (mm^2))		16 to 300(mm^2) or 6 AWG to 600 MCM (13.3 to 304 (mm^2))
Maximum number of conductors per clamping point	2 (for 16 to 185(mm^2)) 1 (for over 185 to 240(mm^2)incl.)		2 (for 16 to 185(mm^2)) 1 (for over 185 to 300(mm^2)incl.)
Special preparation of the conductor	Insulated cable lug		
Stripping length(mm)	According to the cable lug manufacturer's specification		
Tightening torque (N•m)	83 to 116		
IP code	00		

Köln, den 27.09.1996

TÜV Rheinland
Product Safety GmbH

Osaka, Japan
(city)

IDEC IZUMI Corp.

(stamp and signature of applicant)

20.09.1996
(date)

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Constructional Data Form for Terminal Blocks

Plastic insulating parts:

Part name	Material name	RTI (minimum)	Flame class	Material Group
Body	Polyphenylene oxide (PPHOX)	105°C	V-0	IIIa

Other:

Accessory	Type No.	Material name
Terminal cover	BNC930	Polycarbonate
Marking strip	BNM7	Polyvinyl chloride
	BNM9	Fiber glass

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Köln, den 27.09.1996

TÜV Rheinland
Product Safety GmbH

Osaka, Japan
(city)
IDEC IZUMI Corp.

(stamp and signature of applicant)

20.09.1996
(date)