

Certificate of Compliance

Certificate: 70040689 (170351) **Master Contract:** 170351

Project: 70040689 **Date Issued:** 2015-07-31

Issued to: Bel Fuse Inc.

206 Van Vorst St

Jersey City, New Jersey 07302

USA

Attention: Editha S. Vergara

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Juan-Carlos Olivera,

MSc.

PRODUCTS

CLASS – 5311 11 - POWER SUPPLIES - Component Type (CSA 60950-1-07-2nd Ed) CLASS – 5311 91 - POWER SUPPLIES - Component Type (UL 60950-1-2nd Ed) - Certified to U.S. Stds

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

Component type power supplies intended for use with Information Technology and Business Equipment, where the suitability of the combination is to be determined by CSA Group.

AC/DC Switching Power Supply, model LPM616 Series; rated Input: 100-240 V ac, 15.3 -6.4 A, 50-60 Hz or 140-380 V dc, 11.1 – 4.0 A; Output: maximum 1300 W or Input: 200-240 V ac, 9.2-7.6 A, 50-60 Hz or 210-380 V dc, 9-4.9A; Output: Maximum 1600 W; specified as follows:

LPM 6 16 - E F G H I J - X
I II III IV V

I – Model Series: LPM

II – Number of slots: 6



 Certificate:
 70040689
 Master Contract:
 170351

 Project:
 70040689
 Date Issued:
 2015-07-31

III – Maximum Output Power:

16 = 1600 W

IV – Output Modules:

Module	Model Name	Nominal Output Voltage (V dc)	Voltage Range (V dc)	Maximum Output Current (A)	Maximum Output Power (W) *
Е	LPM126-OUTA1-5	5	2.0 to 5.3	53	265
F	LPM126-OUTA1-12	12	5.2 to 15	22	265
G	LPM126-OUTA1-24	24	14 to 30	11	265
Н	LPM126-OUTA1-36	36	29 to 44	7.4	265
J	LPM126-OUTA1-48	48	43 to 54	5.5	265
K	LPM109-OUTA1-10	10	1.5 to 15	6	90
L	LPM109-OUTA1-20	20	3 to 32	3	90
M	LPM118-OUTA2-10	10	2x 1.5 to 15	2x 6	2x 90
N	LPM118-OUTA2-20	20	2x 3 to 32	2 x 3	2x 90
0	-		Blank Par	nel Slot Cover	

Note: Any module may be placed on any slot location.

- Module E: LPM126-OUTA1-5
 Maximum 225 W for input voltage from 85-150 Vac, 40°C ambient
 Maximum 175 W for input voltage from 85-264 Vac, 50 to 70°C ambient
- Module F, G, H: LPM126-OUTA1-12, LPM126-OUTA1-24, LPM126-OUTA1-36 Maximum 225 W for input voltage from 85-150 Vac, 50°C ambient Maximum 175 W for input voltage from 85-264 Vac, 70°C ambient
- 3) Module K, L: LPM109-OUTA1-10, LPM109-OUTA1-20 Maximum 45 W for input voltage from 85-264 Vac, 70°C ambient
- 4) Module M,N; LPM109-OUTA2-10, LPM118-OUTA2-20 Maximum 90 W for input voltage from 85-264 Vac, 70°C ambient

V – Optional Suffixes (denoting non-safety critical options)

^{*}Maximum output power of modules are derated based on operating ambient and input voltage. See below for details:



 Certificate:
 70040689
 Master Contract:
 170351

 Project:
 70040689
 Date Issued:
 2015-07-31

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07, +Am.1:2011 +Am.2:2014

UL 60950-1-2014

 Information Technology Equipment - Safety - Part 1: General Requirements

 Information Technology Equipment - Safety - Part 1: General Requirements

CONDITIONS OF ACCEPTABILITY

- 1. The power supply is to be installed only by trained service personnel, according to manufacturer installation instructions.
- 2. Evaluated for use in Pollution Degree 2 Environment, for a maximum ambient temperature of 50°C, full load and 70°C at 50% load.
- 3. Temperature tests shall be considered for specific installation conditions in the end system.
- 4. Evaluated as Class I (earthed equipment). Reliable connection to protective earth shall be provided in the end use installation.
- 5. Spacings were evaluated for an operating altitude of max 10,000 ft (3048 m), based on IEC-60664-1 altitude correction factor.
- 6. Evaluated for connection to AC power with a branch circuit protector rated max 50 A. If used on a branch circuit with higher rating, additional testing shall be considered.
- 7. The front bezel has been evaluated and found compliant with requirements for FIRE, MECHANICAL and ELECTRICAL enclosure. Overall enclosure suitability is to be determined in the end system.
- 8. Output circuits in all modules are SELV and at hazardous energy levels (240 VA).
- 9. The input terminal block is suitable for field wiring.
- 10. The output connector was evaluated and suitable only for factory wiring.



Supplement to Certificate of Compliance

Certificate: 70040689 (170351) **Master Contract:** 170351

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70040689	2015-07-31	AC/DC Switching Power Supply, Model LPM616 Series. (C/US) (transferred from 173688 - 2556198 and upgraded to include Am2).



Product

CERTIFICATE

No. P15220237





Order No. 291976 Page 1/2

AC/DC or DC/DC switching power supply

Applicant	Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA
Manufacturer	Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA
Factory	✓ See page 2
Ratings	Input: A) 100-240Vac, 15.3-6.4A, 50-60Hz or 140-380Vdc, 11.1-4.0A B) 200-240Vac, 9.2-7.6A, 50-60 Hz or 210-380 Vdc, 9.0-4.9A
Trade mark	POWER SOLUTIONS & PROTECTION a bel group
Model / Type Ref.	LPM616 Series
Principal characteristics	Output(s): DC: A) 1300W maximum B) 1600 W Maximum See next page(s)
A sample of the product was tested and found to be in conformity with	OFF EN 60950-1:2006;A11;A1;A12;A2
Validity	This certificate documents conformity with the standards shown, and also applies as license for use of Nemkos name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation. New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.
Additional information	See next page(s)
	The abovementioned certified equipment complies with current regulatory requirements regarding electrical safety in Norway and other EU/EEA member states, as far as this can be checked. Compliance with requirements regarding building-in, protection against electric shock and Electromagnetic Compatibility (EMC) must be checked when the equipment is built-in a completed product or forms a part of a complete system.
Additional model(s)	See next page(s)

Date of issue 21-09-2015

Juan Z. Kleppenes Certification Department

Nemko AS



CERTIFICATE

No. P15220237





Order No. 291976 Page 2/2

Factories:

Avnet Technology Solutions 6700 W MORELOS PL CHANDLER, AZ 85226 USA

Bel Power Solutions, s.r.o. Areal ZTS 924 01841 Dubnica nad Vahom Slovakia Sonitrones S A De CV Arrow Electronics Inc Blvd Luis Donaldo Colosio #1179 84048 Nogales Mexico

Master Electronics 610 East 10th Street Oakland, CA 94606 USA

Date of issue 21-09-2015

Juan Z. Kleppenes

Certification Department





IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI DACCEPTATION MUTUELLE DE CERTIFICATS DESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product Produit

Name and address of the applicant Nom et adresse du demandeur

Name and address of the manufacturer Nom et adresse du fabricant

Name and address of the factory Nom et adresse de l'usine

Note: When more than one factory, please report on page 2 Note: Lorsque il y plus d'une usine, veuillez utiliser la deuxième page

Ratings and principal characteristics

Valeurs nominales et caractéristiques principales

Trademark (if any) Marque de fabrique (si elle existe)

Type of Manufacturer's Testing Laboratories used Type de programme du laboratoire d'essais constructeur

Model / Type Ref. Ref. De type

Additional information (if necessary may also be reported on page 2)

Les informations complémentaires (si nécessaire, peuvent être indiqués sur la deuxième page

A sample of the product was tested and found to be in conformity with

Un échantillon de ce produit a été essayé et a été considéré conforme à la

As shown in the Test Report Ref. No. which forms part of this Certificate

Comme indiqué dans le Rapport dessais numéro de référence qui constitue partie de ce Certificat

AC/DC or DC/DC switching power supply

Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA

Bel Fuse Inc. 206 Van Vorst St. Jersey City, NJ 07302 USA

Additional information on page 2

Input: A) 100-240Vac, 15.3-6.4A, 50-60Hz or 140-380Vdc, 11.1-4.0A B) 200-240Vac, 9.2-7.6A, 50-60 Hz or 210-380 Vdc, 9.0-4.9A



LPM616 Series

Output(s): DC: A) 1300W maximum B) 1600 W Maximum

Additional information on page 2

IEC 60950-1(ed.2);am1;am2

291976

This CB Test Certificate is issued by the National Certification Body Ce Certificat dessai OC est établi par l'Organisme **National de Certification**

Nemko

Gaustadalléen 30 NO-0373 Oslo, Norway

Date: 21-09-2015

Tune . 3. Heppenes

Signature: Juan Z. Kleppenes
Contification Departs

Certification Department





Avnet Technology Solutions 6700 W MORELOS PL CHANDLER, AZ 85226 USA

Bel Power Solutions, s.r.o. Areal ZTS 924 01841 Dubnica nad Vahom Slovakia Sonitrones S A De CV Arrow Electronics Inc Blvd Luis Donaldo Colosio #1179 84048 Nogales Mexico

Master Electronics 610 East 10th Street Oakland, CA 94606 USA

Nemko

Gaustadalléen 30 NO-0373 Oslo, Norway

Date: 21-09-2015

Tune . 3. Hegpenes

Signature: Juan Z. Kleppenes

Certification Department





www.nemko.com

TEST REPORT

IEC 60950-1

Information technology equipment – Safety – Part 1: General requirements

Report Number....: 291976

Total number of pages 70

Applicant's name: Bel Fuse Inc.

Test specification:

Test procedure CB-Scheme

Non-standard test method.....: N/A

 Test Report Form No.
 :
 IEC60950_1F

 Test Report Form(s) Originator
 :
 SGS Fimko Ltd

 Master TRF
 :
 Dated 2014-02

Copyright © 2014 IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System). All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the IECEE is acknowledged as copyright owner and source of the material. IECEE takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.



Page 2 of 70 Report No. 291976

Test item description::	AC/DC or DC/DC switching po	ower supply				
Trade Mark:	bel prower solutions & PROTECTION					
Manufacturer Same as Applicant						
	LPM616 Series					
	nput: A) 100-240 Vac, 15.3-6.4 A, 50-60 Hz or 140-380 Vdc, 11.1-4.0 A B) 200-240 Vac, 9.2-7.6 A, 50-60 Hz or 210-380 Vdc, 9.0-4.9A Output(s), DC: A) 1300 W maximum					
	B) 1600 W m	aximum				
Testing procedure and testing locatio						
Testing procedure and testing location	n:					
CB Testing Laboratory:	Nemko USA Inc.					
Testing location/ address	2210 Faraday Ave. Suite	150, Carlsbad, CA 92008, USA				
Associated CB Testing Laboratory:						
Testing location/ address						
Tested by (name + signature)	George Daverin	1 8 O				
Approved by (name + signature)	Jeff Busch	Jeffbruk				
Report History:	1	1				

List of Attachi	List of Attachments (including a total number of pages in each attachment):					
Attachment 1:	European Group Differences and National Deviations81 pages					
	Documented deviations contain individual national documents for several European countries that are included in the European Group Deviations. The European Group Difference: EN60950:2006/A11:2009/A:2010/A12:2011/A2:2013 are considered "Normative". The individual national documents (Denmark, Finland, Germany, Ireland, Norway, Spain, Sweden, Switzerland and United Kingdom) are considered "informative" and included at the manufacturer's request.					
Attachment 2:	Miscellaneous Documentation, e.g. Photos, PWB Layout, Schematic etc 60 pages (Not for publication – Engineering use only)					

Original report





Summary	/ of ¹	test	ing

General All comments relate to all models, unless

specifically stated.

Power supply The equipment is an enclosed, Class I switch

> mode power supply with universal AC input or DC input and multiple DC voltage outputs for building-in. This report covers multiple models and all comments / tests apply to all models unless otherwise indicated. Testing was conducted on various models as indicated.

1.1.2; The unit is intended to operate at an altitude

1.7.2.4; IT power distribution systems.

of up to 3048m.

This equipment is intended to be operated at an altitude of up to 3048 m so the clearance is multiplied by the altitude correction factor (1.15), specified in table A.2 of IEC 60664-1 2nd Edition:2007-04. Refer to Tables 2.10.3 and

1.7.2; Safety instructions. Instructions and equipment markings related to

safety are to be provided in a language, which is acceptable in the country in which the equipment

is to be sold. English language verified.

The equipment complies with the requirements for connection to the Norwegian IT power

systems.

The following information should be given (but is not required) in the installation instruction: "This product is also designed for IT power system with

Phase to Phase voltage 230V."

2.7.4; Number and location of protective devices. In Norway, IT power distribution system is used.

Equipment with a single protective device is accepted in Norway. Other countries may have

additional requirements.

2.7.6; Warning to service personnel. After operation of the protective device, the

> equipment is still under voltage if it is connected to an IT-power system. A warning is required for

service personnel.

Norway does not require this warning.

5.2: Electric Strength test Increased test voltages for Basic insulation

applied to the equipment, based on measured

working voltages.





Summary of testing:					
Tests performed (name of test and test clause):	Testing location:				
1) Input Test	See page 2				
2) Durability Test 1.17.11					
3) Capacitance Discharge Test 2.1.1.7					
4) Energy Hazard DC Mains 2.1.1.8					
5) SELV Reliability Test					
6) Protective Bonding Test					
7) Humidity Test					
8) Working Voltage Measurement 2.10.2					
9) Hazardous Voltage Measurement 2.10.2					
10) Heating Test 4.5.1					
11) Touch Current Test 5.1					
12) Electric Strength Test 5.2.2					
13) Component Failure Test 5.3					
14) Abnormal Operation Test 5.3					
15) PS Output Overload and Short Test 5.3					
16) Transformer Overload Annex C 5.3					

Summary of compliance with National Differences:

List of countries addressed

Austria (AT), Australia (AU), Canada (CA), China (CH), Denmark (DK), Finland (FI), Germany (DE), Ireland (IE), Israel (IS), Korea (KR), Norway (NO), Slovenia (SI), Spain (ES), Sweden (SE), Switzerland (CH), United Kingdom (GB), United States of America (US)





Copy of marking plate: The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective Certification Bodies that own these marks. AC-DC Converter LPM616-RRRRRR-XYYYY INPUT: ~ 100-240V 15.3-6.4A 50-60Hz DC OUTPUT: 1300W == 140-380V 11.1-4.0A DC OUTPUT: 1300W ~ 200-240V 9.2-7.6A DC OUTPUT: 1600W 50-60Hz == 210-380V 9.0-4.9A DC OUTPUT: 1600W SLOT 1 SLOT 2 SLOT 3 SLOT 4 SLOT 5 SLOT 6 OUTPUTS: nnV/pppW nnV/pppW nnV/pppW nnV/pppW nnV/pppW nnV/pppW C-XXXXX B ZZZZZZZZ U uuuuu Rev. vv(v) Lxx Wyyww ® C € ®

Made in mmm

Calibration	All instruments used in the tests given in this test report are calibrated and traceable to national or international standards. Further information about traceability will be given on request.
Measurement uncertainty	Measurement uncertainties are calculated for all instruments and instrument set-ups given in this report. Calculations are based on the principles given in the standard EA-4/02 (Dec. 1999), IEC Guide 115:2007, Nemko routine L227 and other relevant internal Nemko-procedures. Further information about measurement uncertainties will be given on request.
Evaluation of results	If not explicitly stated otherwise in the standard, the test is passed if the measured value is equal to or below (above) the limit line, regardless of the measurement uncertainty. If the measured value is above (below) the limit line, the test is not passed - ref IEC Guide 115:2007, and Nemko routine L220. The instrumentation accuracy is within limits agreed by IECEE-CTL (ref. Nemko routine L227).





Test item particulars:	
Equipment mobility:	[] movable
Connection to the mains:	[] pluggable equipment [] type A [] type B [X] permanent connection [] detachable power supply cord [] non-detachable power supply cord [] not directly connected to the mains [X] DC mains
Operating condition:	
Access location	[X] operator accessible [] restricted access location
	[${\bf X}$] Equipment for building, to be evalualed in enduse equipment.
Over voltage category (OVC):	[] OVC I [X] OVC II [] OVC III [] OVC IV [] other:
Mains supply tolerance (%) or absolute mains supply	AC Input: 90 to 264 Vac
values:	DC Input: 140 to 380 Vdc
Tested for IT power systems:	[X] Yes (Norway only) [] No
IT testing, phase-phase voltage (V)	230
Class of equipment:	[X] Class I [] Class II [] Class III [] Not classified
Considered current rating of protective device as part of the building installation (A):	30A
Pollution degree (PD):	[]PD1 [X] PD2 []PD3
IP protection class:	IPX0
Altitude during operation (m):	3048 m
Altitude of test laboratory (m):	38
Mass of equipment (kg):	1.92 kg
Temperature, Ambient (°C):	40°C or 50°C at full load
	70°C with 50% load
Possible test case verdicts:	
- test case does not apply to the test object	
- test object does meet the requirement	
- test object does not meet the requirement	F (Fail)
Testing::	
Date of receipt of test item	July 2015
1	•

Date (s) of performance of tests...... August 2015



Page 7 of 70 Report No. 291976

1	General remarks:						
•	"(see appended table)" refers to a table appended to the report.						
•	"(see Enclosure #)" refers to additional information appended to the report.						
-	The test results presented in this report relate onl	y to the object tested.					
	This report shall not be reproduced, except in full aboratory.	, without the written approval of the Issuir	ng testing				
-	Throughout this report a \square comma / \boxtimes point is	used as the decimal separator.					
ſ	Manufacturer's Declaration per sub-clause 6.2	2.5 of IECEE 02:					
1	The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided . : \(\subseteq \text{Yes} \)						
١	When differences exist; they shall be identifie	d in the General product information s	section.				
ı	Name and address of factory (ies)	:					
•	1) 3) Bel Power Solutions s.r.o Master Electronics ArealZTS Dubnica n.Vahom c.924 610 East 10th Street 01841 Dubnica nad Vahom Oakland CA 94606 SLOVAKIA USA						
4	2) Avnet Technology Solutions 6700 W Morelos Place Chandler AZ 85226 USA	4) Sonitrones S A De CV Arrow Electro Boulevard Luis Donaldo Colosio 117 84048 Nogales, Sonora MEXICO					

General product information:

This test report is based on a TUV SUD test report Ref. No. SI1200012149-100 with appended CB cert Ref. No. DE 3-500643, evaluated to the requirements of IEC 60950-1:2005 2^{nd} ed. + A1:2009. This test report includes an upgrade to IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013, and addition evaluation of the power supply to the requirements of IT power systems and an engineering evaluation of the Leakage at the output of the PSU.

For continuity, data from the original TUV report is included in this report, along with the additional evaluation referenced.

The subject model is a component type AC-DC power supply for use in Information Technology Equipment. It consists of a complete metal enclosure, housing circuits operating at hazardous and SELV voltages.

The unit is equipped on the front panel with an AC Input Connector and two status LED indicators; a cooling fan is mounted internally and protected by a fan guard.

Internal assembly consists of the Main Board, control board and power modules of different types. Each module is provided with an isolating transformer and output busbar terminals for output connection, accessible at the back of the unit.







MODEL NOMENCLATURE MATRIX:

LPM	6	16	_	E	F	G	Н	1	J	_	X
	Ш	Ш					IV				V

I - Product Series: LPMII - Number of slots: 6

III – Maximum Output Power: 16 = 1600 W

IV – Output Module:

Module	Model Name	Nominal Output Voltage (Vdc)	Voltage Range (Vdc)	Maximum Output Current (A)	Maximum Output Power (W)	
Е	LPM126-OUTA1-5	5	2.0 to 5.3	53	265	
F	LPM126-OUTA1-12	12	5.2 to 15	22	265	
G	LPM126-OUTA1-24	24	14 to 30	11	265	
Н	LPM126-OUTA1-36	36	29 to 44	7.4	265	
J	LPM126-OUTA1-48	48	43 to 54	5.5	265	
K	LPM109-OUTA1-10	10	1.5 to 15	6	90	
L	LPM109-OUTA1-20	20	3 to 32	3	90	
М	LPM118-OUTA2-10	10	2x 1.5 to 15	2x 6	2x 90	
N	LPM118-OUTA2-20	20	2x 3 to 32	2 x 3	2x 90	
0		Blank Panel Slot Cover				

Note: Any module may be placed on any slot location.

- Module E: LPM126-OUTA1-5
 Maximum 225 W for input voltage from 85-150 Vac, 40°C ambient
 Maximum 175 W for input voltage from 85-264 Vac, 50 to 70°C ambient
- 2) Module F, G, H: LPM126-OUTA1-12, LPM126-OUTA1-24, LPM126-OUTA1-36 Maximum 225 W for input voltage from 85-150 Vac, 50°C ambient Maximum 175 W for input voltage from 85-264 Vac 70°C ambient
- 3) Module K, L: LPM109-OUTA1-10, LPM109-OUTA1-20 Maximum 45 W for input voltage from 85-264 Vac 70°C ambient
- 4) Module M,N; LPM109-OUTA2-10, LPM118-OUTA2-20 Maximum 90 W for input voltage from 85-264 Vac 70°C ambient
- V Optional Suffixes: Denoting non-safety critical options

^{*}Maximum output power of modules are derated based on operating ambient and input voltage. See below for details:





CONDITIONS OF ACCEPTABILITY:

The following must be evaluated at end use:

- 1) The power supply is to be installed only by trained service personnel, according to manufacturer installation instructions.
- 2) Evaluated for use in Pollution Degree 2 Environment, for a maximum ambient temperature of 40°C or 50°C (depending on module type(s) used and input ratings) at full load and 70°C at 50% load.
- 3) Temperature tests shall be considered for specific installation conditions in the end system.
- 4) Evaluated as Class I (earthed equipment). Reliable connection to protective earth shall be provided in the end use installation.
- 5) Spacings were evaluated for an operating altitude of max 10,000 ft (3048 m), based on IEC 60664-1 altitude correction factor.
- 6) Evaluated for connection to AC power with a branch circuit protector rated max 30 A. If used on a branch circuit with higher rating, additional testing shall be considered.
- 7) The front bezel has been evaluated and found compliant with requirements for FIRE, MECHANICAL and ELECTRICAL enclosure. Overall enclosure suitability is to be determined in the end system.
- 8) Output circuits in all modules are SELV and at hazardous energy levels (240 VA).
- 9) The input terminal block is suitable for field wiring.
- 10) The output connector was evaluated and is suitable only for factory wiring.

Abbreviations used in the report:		
- normal conditions functional insulation double insulation between parts of opposite polarity Indicate used abbreviations (if any):	OP DI BOP	- single fault conditions