



TC 08000174.01  
TEST CERTIFICATE

**TELEMA S.p.A.**  
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**CUSTOMER :** Compagnia Tecnica Motori S.p.A.  
**CUSTOMER REFERENCE :** Order N° 361 of 01/02/08  
**TELEMA REFERENCE :** CO 08000174  
**MATERIAL TESTED :** N° 1 Load resistor 700 kW - 50 Hz

**ON EVERY COMPLETE RESISTOR THE FOLLOWING TESTS ARE PERFORMED :**

VISUAL AND DIMENSIONAL CHECK :		According to dwg.	DS080174.1	POSITIVE
PROTECTION DEGREE VISUAL CHECK :	IP 23	According to	IEC Std. 529 (1989)	POSITIVE
PAINT THICKNESS TEST AND COLOUR CHECK :		> 70 micron	Color RAL 7032	POSITIVE
NAMEPLATE CHECK :		According to dwg.	DS080174.3	POSITIVE
COMPONENTS CHECK :				POSITIVE
POWER WIRING CHECK :		According to dwg.	DS080174.2	POSITIVE

SERIAL NUMBER	SECTION	RATED OHMIC VALUE Tolerance: +/- 3 %	OHMIC VALUE CONTROL Tamb.= 24 °C	INSULATION RESISTANCE AT 1 kV d.c.	MAIN CIRCUIT VOLTAGE TEST 28 kV 50Hz/1 min
R080174-1	R1	329,25	331,5	>400 Mohm	POSITIVE
	S1	329,25	333,1	>400 Mohm	POSITIVE
	T1	329,25	332,0	>400 Mohm	POSITIVE
	R2	329,25	332,9	>400 Mohm	POSITIVE
	S2	329,25	329,8	>400 Mohm	POSITIVE
	T2	329,25	330,9	>400 Mohm	POSITIVE

NOTE:

<b>TELEMA S.p.A.</b> <b>Ing. Natasha Kalinina</b> 		DATE: 31/07/2008
		SHEET 1 OF 1

Sede Legale / Head Office  
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**TELEMA**  
TELEMA S.P.A.

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20090 Cesano Boscone  
Milano - Italy

Our. ref. CO 080174  
Piacenza, 31.07.2008

CERTIFICATE OF CONFORMITY  
(rif.: EN 45014)

We TELEMA S.p.A. - Frazione Quarto, Via Salvoni 60, Piacenza - Italy,  
certify that the following device:

N° 1 Load resistor 700 kw 3x11000 V IP23/54 forced cooled

is conform (where applicable) to the technical specifications/standards :

Machine Standard	CEE	89/392CEE 14/06/89
Low Voltage Standard	CEE	73/23CEE
Electro Magnetic Compatibility		EN50081-2 / EN59082-2
Protection Degree IP		IEC 529

Your order N° 361 of 01/02/2008

TELEMA S.p.A.  
Ing. Natasha Kalinina  
Quality Assurance Department