



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

Via Tito Livio, 5 - 24123 - BERGAMO (Italy)

tel. +390354175244 fax. +390354534662 e-mail: acaecert@tin.it



Certificate of Conformity

LOVAG-Certificate No. **IT 09.068**

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Apparatus

Low voltage switchgear and controlgear assembly - Form 4 - 3 phases + neutral - 690 V (U_e) - 40-60 Hz - 1000 V (U_i) - 12 kV (U_{imp}) - 8 kV (U_{imp}) for units with MCCBs - 3200 A-2000 A (I_n) / IP 31 - 2500 A-1600 A (I_n) / IP 54 - 50/80 kA (I_{cw}) - 70 kA (I_{cc}) at 415 V

Designation

**ANORD MODULAR SYSTEM
AMS/3200 - AMS/2000**

Manufacturer or responsible vendor

ANORD Control Systems Ltd. Industrial Estate - Coes Road, DUNDALK, Co Louth, IRELAND

Tested for: ANORD Control Systems Ltd.

Tested by: ACAE Laboratory IA.01

The apparatus, constructed in accordance with the description mentioned in the Test Report listed on this Certificate has been subjected to the series of proving tests in accordance with IEC 60439-1 Ed.4.1 (2004) and EN 60439-1 (1999)+A1 (2004)

- Verification of temperature-rise limits (8.2.1)
- Verification of the dielectric properties (8.2.2)
- Verification of the short-circuit withstand strength (8.2.3)
- Verification of the effectiveness of the protective circuit (8.2.4)
- Verification of clearance and creepage distances (8.2.5)

The results are shown in the Test Report in accordance to LOVAG. The values obtained and the general performance are considered to comply with the above Standard(s) and with the Standard IEC 61439-2 (2009-1) and to justify the characteristic assigned by the manufacturer as stated below:

415 V (U_e) - 50 Hz - 1000 V (U_i)
8 kV (U_{imp}) for units with MCCBs

This document includes Test Report (TR) No.: 07.004-A/C/D/E/F/
Issue Date: 2007.04.07

Responsible Certification Body: ACAE

Mauro Marchi

Authorized Signature

Date: 2009.09.09

SINCERT

ACCREDITAMENTO ORGANISMO DI CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition.

The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Only integral reproduction of this Certificate or reproductions of this page accompanied by any page(s) on which are stated the tests performed and the assigned characteristics of the apparatus tested, are permitted without written permission from the LOVAG Laboratory responsible for this Certificate.

For the expiry of this certificate see ACAE certification scheme.



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Circuit	Rated current In (A)		Rated short-time withstand current Icw (kA)		Rated conditional short-circuit current Icc (kA) at 415V
	IP31	IP54			
See page 3	TR 07.004/A	TR 07.004/C	TR 07.004/D	TR 07.004/E (1)	TR 07.004/F
Incoming unit / Horizontal busbar side A	3200	2500	50	80	--
Vertical busbar side A	1200	900	50	80	--
Horizontal/ vertical busbar side B	2000	1600	50	80	--
Q1	3200	--	--	--	--
Q2	250	140	--	--	70
Q3	630	504	--	--	--
Q4	320	256	--	--	70
Q5	63	50	--	--	70
Q6	125	100	--	--	70
Q7	200	160	--	--	--
Q8	--	170	--	--	70
Q9	--	320	--	--	70
Q10	800	800	--	--	70

(1) With double busbar supports

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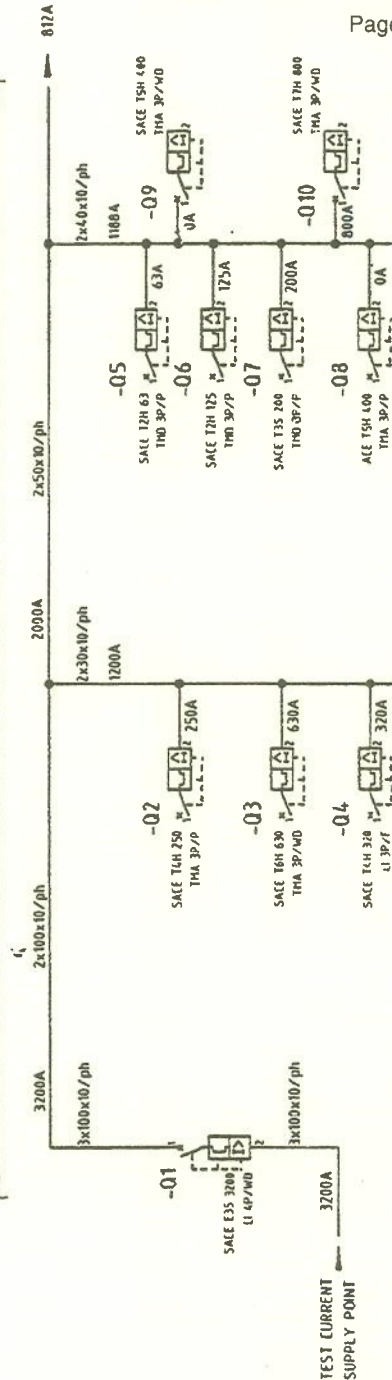
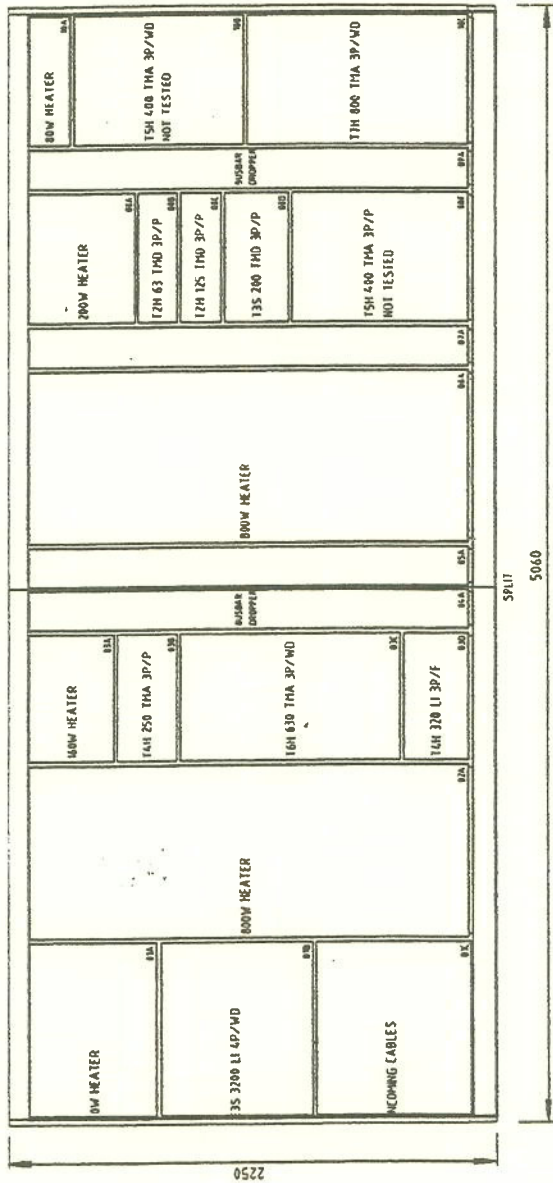
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