

<b>type test certificate of</b>	Test sequence III: Rated ultimate short-circuit breaking capacity Test sequence IV: Rated short-time withstand current
<b>apparatus</b>	Three-pole air circuit-breaker in withdrawable version
<b>designation</b>	HiAN12  rated voltage 480 V; rated normal current 1250 A; rated frequency 50 Hz
<b>manufacturer</b>	HYUNDAI HEAVY INDUSTRIES Co. LTD. Industrial & Power Systems - Ulsan (Korea)
<b>tested for</b>	HYUNDAI HEAVY INDUSTRIES Co. LTD. Industrial & Power Systems - Ulsan (Korea)
<b>date(s) of tests</b>	from March 6, 2002 to March 22, 2002
<b>tested by</b>	CESI S.p.A. - Milano - ITALY

the apparatus, constructed in accordance with the description, drawings and photographs incorporated in the reference document, identified in this certificate, has been subjected to the series of proving tests in accordance with

IEC 60947-2 (2001-11) Sub-clause 8.3.5, 8.3.6

the results are shown in the record of Proving Tests and the oscillograms attached in the Test Reports. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the Manufacturer as listed on page no.2 .

the Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

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<b>no. of pages</b>	3
<b>issue date</b>	November 19, 2002

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*Carlo Del Giorgio*  
*Apostolos*

**CESI**  
CENTRO ELETTROTECNICO SPERIMENTALE ITALIANO  
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Il Responsabile del Laboratorio