ATTESTATION OF CONFORMITY

Issued to:	Acrel Co., Ltd. No.253, Yulv Road, Jiading, Shanghai, China
For the product:	Protection Relay
Trade name:	Acrel 安科瑞电气
Type/Model:	AM5SE, AM2SE, AM3
Ratings:	See Annex
Manufactured by:	Acrel Co., Ltd. No.253, Yulv Road, Jiading, Shanghai, China
Requirements:	FGW TG3 Revision 26 (clause 4.4, 4.5); VDE-AR-N 4110: 2023 (clause 10.3, 10.4);

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6246949.50

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 10 November 2025 Number: 6246949.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex to 6246949.01AOC

Ratings of the test product:

Model name	AM5SE	AM2SE	AM3
Power Supply			
Rated voltage	AC/DC 110V or AC/DC 220V		
Range	Rated voltage × (1±20%)		
Burden	≤15 VA		
Voltage Inputs			
Rated value	AC 100V or $100/\sqrt{3}$ V AC 380V or 220V		
Range	0.1V～120V 0.1V ~ 456V		
Accuracy	0.5S		
Burden	≤0.5VA (each phase)		
Voltage withstand	Continuous: 1.2 Un 10s: 2 Un		
Phase CT Inputs (Protection Current)			
CT rated secondary range	AC 5A or 1A		
Dynamic	20 × CT rated current		
Accuracy	0.5S		
Burden	≤0.5VA (each phase)		
Thermal withstand	Continuous: 2 In 1s: 40 In		
Phase CT Inputs (Measurement Current)			
CT rated secondary range	AC 5A or 1A		
Dynamic	1.5 × CT rated current		
Accuracy	0.5S		
Burden	≤0.5VA (each phase)		
Thermal withstand	Continuous: 1.5 In 1s: 4 In		
Frequency			
Rated frequency	50Hz or 60Hz		
Frequency range	40 ~ 70Hz		
Accuracy	±0.1Hz		
Digital Inputs			
Operating nominal voltage	AC/DC 110V or AC/DC 220V		
Voltage threshold	70% of nominal voltage		
Reset threshold	55% of nominal voltage		
Burden	≤ 1W (each phase) (DC220V)		
Digital Outputs			
Make and carry	≥ 10000 operations		
Making capacity	≥ 1000W, L / R = 40ms		
Continuous current	≥ 5A		
Short duration carry current	≥ 30A for 200ms		
Breaking capacity	≥ 30W, L/R = 40ms		
Environmental characteristics			
During operation: 10℃～＋55℃, temperature; 5%～95%, humidity Storage: -25℃～＋70℃ Altitude: ≤ 2000m Enclosure: IP20 (local panel)			

--The end--

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