




TEST REPORT EN 60947-2 Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	
Report Number.....:	02402-23119Y29025
Date of issue.....:	2023-05-23
Total number of pages.....	150
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Applicant's name	Zhejiang Tengen Smart Electrics Co.,Ltd.
Address	No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing, Zhejiang Province, P.R.China
Test specification:	
Standard.....:	EN 60947-2:2017+A1:2020
Test procedure	CCA Scheme
Non-standard test method	N/A
Test Report Form No.:	IEC60947_2J
Test Report Form(s) Originator:	DEKRA Certification B.V.
Master TRF.....:	Dated 2020-03-31
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Test item description	Air circuit breaker
Trade Mark(s).....	
Manufacturer	Zhejiang Tengen Smart Electrics Co.,Ltd. No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing, Zhejiang Province, P.R.China
Model/Type reference	TeW5-1600, TeW5-1600/4, TeW5F-1600, TeW5F-1600/4,
Ratings	TeW3-1600, TeW3F-1600, TeW5-1600C, TeW5-1600C/4, TeW5-1600Y, TeW5-1600Y/4; Ue: AC380V / AC400V/ AC415V, AC660V/AC690V; Ui: 1000V; Uimp: 12kV; In: 200A, 400A, 630A, 800A, 1000A, 1250A, 1600A;

TeW5-1600, TeW5-1600/4, TeW5F-1600, TeW5F-1600/4: AC380V /AC400V/ AC415V: lcs=67kA; lcu=67kA; lcu=55kA/1s, lcu=30kA/3s; AC660V/ AC690V: lcs=50kA; lcu=50kA; lcu=42kA/1s, lcu=30kA/3s; TeW3-1600, TeW3F-1600; AC380V /AC400V/ AC415V: lcs=55kA; lcu=65kA; lcu=42kA/1s; AC660V/ AC690V: lcs=42kA; lcu=42kA; lcu=42kA/1s; TeW5-1600C, TeW5-1600C/4: AC380V /AC400V/ AC415V: lcs=55kA; lcu=60kA; lcu=50kA/1s; AC660V/ AC690V: lcs=42kA; lcu=42kA; lcu=36kA/1s; TeW5-1600Y, TeW5-1600Y/4: AC380V /AC400V/ AC415V: lcs=50kA; lcu=50kA; lcu=50kA/1s; AC660V/ AC690V: lcs=50kA; lcu=50kA; lcu=50kA/1s; Type of release: electronic; Selectivity category: B; f: 50/60Hz; number of poles: 3P, 4P; Suitable for isolation; Electronic accessories complying with Annex N: Undervoltage: QTW45, Us: AC220V /AC230V/ AC240V, AC380V /AC400V/ AC415V; Shunt release: FTW45, Us: AC220V /AC230V/ AC240V, AC380V /AC400V/ AC415V, DC110V, DC220V; Closing coil: BG45, Us: AC220V /AC230V/ AC240V, AC380V /AC400V/ AC415V, DC110V, DC220V; Auxiliary: F-W2(4NO4NC, 5NO5NC, 6NO6NC): lth: 6A; AC-15: Ue/Ie: AC400V/0.9A, AC230V/1.5A; DC-13: Ue/Ie: DC220V/0.27A, DC110V/0.55A;	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):	
<input checked="" type="checkbox"/> CE Testing Laboratory:	Zhejiang Fangyuan Test Group CO., Ltd. National Center Of Quality Inspection For Electrical Safety (ZheJiang)
Testing location/ address	No.400, Guangqiong Rd, Jiaxing City, Zhejiang Province, P.R. China
Tested by (name, function, signature) ...	Jin Hongfei
Approved by (name, function, signature)	Yao Bo
<input type="checkbox"/> Testing procedure: CTF Stage 1:	
Testing location/ address	
Tested by (name, function, signature):	
Approved by (name, function, signature)	
<input type="checkbox"/> Testing procedure: CTF Stage 2:	
Testing location/ address	
Tested by (name + signature)	
Witnessed by (name, function, signature)	
Approved by (name, function, signature)	
<input type="checkbox"/> Testing procedure: CTF Stage 3:	
<input type="checkbox"/> Testing procedure: CTF Stage 4:	
Testing location/ address	
Tested by (name, function, signature):	
Witnessed by (name, function, signature)	
Approved by (name, function, signature)	
Supervised by (name, function, signature)	