

Declaration of Conformity

Reference number: FBX-20190128_01
(replaces and confirms the previous FBX-20160525_01v2)

This declaration of conformity is established in accordance with ISO / IEC 17050-1

To whom it may concern,

Object designation: FBX-E & C - 24kV C, T1, T2, R, RE, Sb, CB, CBb, M standard height

Subject: compliance to type tests for rated characteristics

We undersigned, Christophe ARNAUD, FBX Range Technical Leader, and Eric MIJUIN, FBX Range Product Manager, hereby declare that the above-designated units are designed and manufactured (when requested) to withstand the herebelow characteristics.

Due to the number of possible combinations of units inside FBX range, there were chosen for internal arc withstand tests, cubicles which types represent the equivalent (same number of functions, same compartments) or more severe cases (minimum volume of cables compartment).

For C, T1, T2, R, RE, Sb, CB, CBb units:

Specified requirements	Scope of the declaration	Reference of Conformity Assessment Activity results
Power frequency withstand voltage	50kV phase to earth 60kV across the insulating distance	"AMTR10556-00", "AMTR05458-00", "AMTR09538-00", 4937/VNL" type tests reports
Lightning impulse withstand voltage	125kV phase to earth 145kV across the insulating distance	
Short time withstand current	up to 20kA x 3s	"201006707_006", "5559 /VNL", "2228.2090315.255", "10291" type tests reports
Making capacity	40kA	"10329", 201207608_002v1, "KEMA40-02" type tests reports
Internal arcing	IAC A-FL 20kA x 1s	"2228.2080724.583" and "201101738_005" type tests reports; TN196 Technical Note

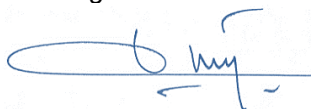
For M units:

Specified requirements	Scope of the declaration	Reference of Conformity Assessment Activity results
Power frequency withstand voltage	50kV phase to earth 60kV across the insulating distance	"AGSR04024-00" type test report
Lightning impulse withstand voltage	125kV phase to earth 145kV across the insulating distance	
Internal arcing	IAC A-F 20kA x 1s	"09-061", "3852.2120275.0130", "1352.2130114.0148" type tests reports

Grenoble, January 28th, 2019

Validity period: 5 years

Christophe ARNAUD
FBX Range Technical Leader



Eric MIJUIN
FBX Range Product Manager



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