



FEDERAL ELEKTRİK®

EU Declaration of Conformity

Manufacturer : **FEDERAL ELEKTRİK Yatırım ve Ticaret A.Ş.**
Üretici

Address : **1. Organize Sanayi Bölgesi 1. Yol No: 25 Hanlı Beldesi**
Adres : **Adapazarı / TÜRKİYE**

We hereby declare that the requirements of the relevant European Union Directives have been fulfilled and responsibility has been taken for our products described below.

Aşağıda tanımlanmış ürünlerimizde ilgili Avrupa Birliği Direktiflerinin gerekliliklerinin yerine getirildiğini sorumluluğun alınmış olduğunu beyan ederiz.

Product Description : **Low Voltage Circuit Breakers**
Ürün Tanımı : **Alçak Gerilim Devre Kesiciler**

Product Type & Ratings : **See attached list of product type and ratings**
Ürün Tipi & Sınıfı : **Ekteki ürün tipi ve sınıfı listesine bakınız**

Harmonized Standards : **EN 60947-2: 2017**
Uyumlaştırılmış Standartlar : **EN 60947-2: 2017 / A1:2020**

Applicable EU Directives : **2014/35/EU Low Voltage Directive**
Uygulanabilir Yönetmelikler : **2014/35/EU Alçak Gerilim Direktifi**
2014/30/EU Electromagnetic Compatibility Directive
2014/30/EU Elektromanyetik Uyumluluk Direktifi
2011/65/UE, 2015/863/EU RoHS Directives
2011/65/UE, 2015/863/EU RoHS Direktifleri

Representative for Conformity : **Mustafa NURDOĞAN (General Manager)**
Uygunluğu Beyan Eden

Signature : 
İmza

Declaration No. : **CE - 01**
Deklarasyon No.

Date / Rev. No : **09.06.2023 / 014**
Tarih / Rev. No

This declaration certifies compliance with the indicated directives but implies no warranty of properties. The compliance applies only to the product if the product is integrated in a system or combined with other units. This declaration is validity only under conditions to obey the rules related to assembling, operating and maintain directions.

Bu beyan belirtilen talimatlara uygunluğu belgeler, özellikler ile ilgili garanti hakkı içermez. Ürünün bir sistemle entegre olarak ya da diğer bir birimle birleştirilerek kullanıldığı durumlarda uyumluluk yalnızca ürünü kapsar. Bu beyan ancak montaj, çalıştırma ve bakım talimatlarına uyulması şartıyla geçerlidir.

REACH and SVHC (Regulation EC 1907/2006)

We declare that our products comply with the REACH Regulation EC 1907/2006 of 18 December 2006. Our products are not intended to release any substances under normal conditions of use.

According to our knowledge, the substances specified in the Reach Regulation Annex XVII restrictions list and the European Chemicals Agency (ECHA) Substances Very High Concern (SVHC) Candidate List do not exist in our products above the permitted values.

Ürünlerimizin 18 Aralık 2006 tarihli EC 1907/2006 REACH tüzüğüne uygun olduğunu beyan ediyoruz. Ürünlerimizin normal kullanım koşulları altında herhangi bir madde salınım yapması amaçlanmamıştır.

Bilgimiz dâhilinde ürünlerimizde Reach Tüzüğü EK XVII ve Avrupa Kimyasal Ajansı(ECHA) Yüksek Risk Taşıyan Maddeler (SVHC) Aday Listesi'nde bulunan maddeler izin verilen değerlerin üzerinde yer almamaktadır.

Product Type & Ratings

Ürün Tipi & Sınıfı

| Product Type | Pole | Rated Current (In) | Short Circuit Breaking Capacity (Icu) | |
|--------------|---------|--------------------|---------------------------------------|---------------|
| F01 | 1 Pole | 16A – 225A | 35kA / 240Vac | 12kA / 415Vac |
| F02 | 1 Pole | 16A – 225A | 65kA / 240Vac | 14kA / 415Vac |
| F12 | 3 Poles | 16A – 160A | 25kA / 415Vac | 8kA / 690Vac |
| F12N | 4 Poles | 16A – 160A | 25kA / 415Vac | 8kA / 690Vac |
| F12R | 4 Poles | 16A – 160A | 25kA / 415Vac | 8kA / 690Vac |
| F21 | 3 Poles | 16A – 160A | 25kA / 415Vac | 8kA / 690Vac |
| F31 | 3 Poles | 16A – 250A | 36kA / 415Vac | 12kA / 690Vac |
| F31N | 4 Poles | 16A – 250A | 36kA / 415Vac | 12kA / 690Vac |
| F31R | 4 Poles | 16A – 250A | 36kA / 415Vac | 12kA / 690Vac |
| F32 | 3 Poles | 16A – 250A | 50kA / 415Vac | 13kA / 690Vac |
| F32N | 4 Poles | 16A – 250A | 50kA / 415Vac | 13kA / 690Vac |
| F33 | 3 Poles | 16A – 250A | 70kA / 415Vac | 14kA / 690Vac |
| F33N | 4 Poles | 16A – 250A | 70kA / 415Vac | 14kA / 690Vac |
| F51 | 3 Poles | 160A – 400A | 36kA / 415Vac | 14kA / 690Vac |
| F51N | 4 Poles | 160A – 400A | 36kA / 415Vac | 14kA / 690Vac |
| F52 | 3 Poles | 160A – 400A | 50kA / 415Vac | 16kA / 690Vac |
| F52N | 4 Poles | 160A – 400A | 50kA / 415Vac | 16kA / 690Vac |
| F53 | 3 Poles | 160A – 400A | 70kA / 415Vac | 18kA / 690Vac |
| F53N | 4 Poles | 160A – 400A | 70kA / 415Vac | 18kA / 690Vac |
| F61 | 3 Poles | 300A – 400A | 36kA / 415Vac | 20kA / 690Vac |
| F62 | 3 Poles | 300A – 400A | 50kA / 415Vac | 25kA / 690Vac |
| F71 | 3 Poles | 300A – 800A | 36kA / 415Vac | 20kA / 690Vac |
| F72 | 3 Poles | 300A – 800A | 50kA / 415Vac | 25kA / 690Vac |
| F82 | 3 Poles | 300A – 800A | 50kA / 415Vac | 20kA / 690Vac |
| F82N | 4 Poles | 300A – 800A | 50kA / 415Vac | 20kA / 690Vac |
| F82E | 3 Poles | 300A – 800A | 50kA / 415Vac | 20kA / 690Vac |
| F82E-N | 4 Poles | 300A – 800A | 50kA / 415Vac | 20kA / 690Vac |
| F83 | 3 Poles | 300A – 800A | 70kA / 415Vac | 25kA / 690Vac |
| F83N | 4 Poles | 300A – 800A | 70kA / 415Vac | 25kA / 690Vac |
| F83E | 3 Poles | 300A – 800A | 70kA / 415Vac | 25kA / 690Vac |
| F83E-N | 4 Poles | 300A – 800A | 70kA / 415Vac | 25kA / 690Vac |
| F91E | 3 Poles | 630A – 1250A | 50kA / 415Vac | 18kA / 690Vac |

| <i>Product Type</i> | <i>Pole</i> | <i>Rated Current (In)</i> | <i>Short Circuit Breaking Capacity (Icu)</i> | |
|---------------------|--------------------|---------------------------|--|----------------------|
| <i>F91E-N</i> | <i>4 Poles</i> | <i>630A – 1250A</i> | <i>50kA / 415Vac</i> | <i>18kA / 690Vac</i> |
| <i>F92E</i> | <i>3 Poles</i> | <i>630A – 1250A</i> | <i>70kA / 415Vac</i> | <i>25kA / 690Vac</i> |
| <i>F92E-N</i> | <i>4 Poles</i> | <i>630A – 1250A</i> | <i>70kA / 415Vac</i> | <i>25kA / 690Vac</i> |
| <i>F101E</i> | <i>3 Poles</i> | <i>800A – 1600A</i> | <i>50kA / 415Vac</i> | <i>20kA / 690Vac</i> |
| <i>F102E</i> | <i>3 Poles</i> | <i>800A – 1600A</i> | <i>70kA / 415Vac</i> | <i>25kA / 690Vac</i> |
| <i>F111E</i> | <i>3 Poles</i> | <i>1600A – 2500A</i> | <i>50kA / 415Vac</i> | <i>20kA / 690Vac</i> |
| <i>F112E</i> | <i>3 Poles</i> | <i>1600A – 2500A</i> | <i>70kA / 415Vac</i> | <i>25kA / 690Vac</i> |
| <i>F121E</i> | <i>3 / 4 Poles</i> | <i>630A – 2000A</i> | <i>70kA / 415V</i> | <i>45kA / 690Vac</i> |
| <i>F122E</i> | <i>3 / 4 Poles</i> | <i>630A – 2000A</i> | <i>80kA / 415V</i> | <i>50kA / 690Vac</i> |
| <i>F123E</i> | <i>3 / 4 Poles</i> | <i>630A – 2000A</i> | <i>100kA / 415V</i> | <i>65kA / 690Vac</i> |
| <i>F131E</i> | <i>3 / 4 Poles</i> | <i>2500A – 3200A</i> | <i>70kA / 415V</i> | <i>45kA / 690Vac</i> |
| <i>F132E</i> | <i>3 / 4 Poles</i> | <i>2500A – 3200A</i> | <i>80kA / 415V</i> | <i>50kA / 690Vac</i> |
| <i>F133E</i> | <i>3 / 4 Poles</i> | <i>2500A – 3200A</i> | <i>100kA / 415V</i> | <i>65kA / 690Vac</i> |
| <i>F141E</i> | <i>3 / 4 Poles</i> | <i>4000A</i> | <i>70kA / 415V</i> | <i>45kA / 690Vac</i> |
| <i>F142E</i> | <i>3 / 4 Poles</i> | <i>4000A</i> | <i>80kA / 415V</i> | <i>50kA / 690Vac</i> |
| <i>F143E</i> | <i>3 / 4 Poles</i> | <i>4000A</i> | <i>100kA / 415V</i> | <i>65kA / 690Vac</i> |
| <i>F151E</i> | <i>3 / 4 Poles</i> | <i>5000A – 6300A</i> | <i>70kA / 415V</i> | <i>45kA / 690Vac</i> |
| <i>F152E</i> | <i>3 / 4 Poles</i> | <i>5000A – 6300A</i> | <i>80kA / 415V</i> | <i>50kA / 690Vac</i> |
| <i>F153E</i> | <i>3 / 4 Poles</i> | <i>5000A – 6300A</i> | <i>120kA / 415V</i> | <i>65kA / 690Vac</i> |

