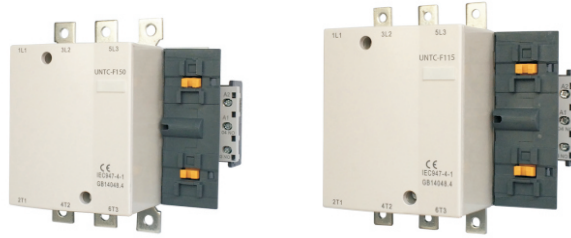


UNTC-F Technical Parameters



| Type | | UNTC-F115 | UNTC-F150 | UNTC-F185 | UNTC-F225 | UNTC-F265 | UNTC-F330 |
|----------------------------------------------|------------------------------------------------|--------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Rated Current | Ie max AC-3 (Ue≤440V) | 115A | 150A | 185A | 225A | 265A | 330A |
| | Ie max AC-1 (θ ≤40°C) | 200A | 200A | 275A | 280A | 350A | 360A |
| Main Contacts(NO) | | 3、 4 | 3、 4 | 3、 4 | 3、 4 | 2、 3、 4 | 2、 3、 4 |
| Rated Insulated Voltage(Ui) | | 690V | | | | | |
| Rated Impulse Withstand Voltage(Uimp) | | 8kV | | | | | |
| Rated Operational Voltage(Ue)max | | 1000V | | | | | |
| Standards-compliant | | IEC60947-4-1, GB14048.4, EN60947-4-1 | | | | | |
| Conventional Thermal Current Ith(≤40°C) | | 200A | 200A | 275A | 280A | 350A | 360A |
| Operation Frequency | AC-1 , AC-2 , AC-3 | 300 | 300 | 120 | 120 | 120 | 120 |
| | AC-4 | 70A | 30A | 30A | 30A | 30A | 30A |
| Rated Power(AC-3) | 220/240V | 30kW | 40kW | 55kW | 63kW | 75kW | 100kW |
| | 380/400V | 55kW | 75kW | 90kW | 100kW | 132kW | 160kW |
| | 415V | 59kW | 80kW | 100kW | 100kW | 140kW | 180kW |
| | 440V | 59kW | 80kW | 100kW | 110kW | 140kW | 200kW |
| | 500V | 75kW | 90kW | 110kW | 129kW | 160kW | 200kW |
| | 660/690V | 80kW | 100kW | 110kW | 129kW | 160kW | 220kW |
| | 1000V | 65kW | 65kW | 100kW | 100kW | 147kW | 160kW |
| Connection/Wiring Operation Voltage (θ≤55°C) | Number of Lines Line Size(mm ²) | 20 ² ×3 | 25 ² ×3 | 25 ² ×3 | 32 ² ×3 | 32 ² ×4 | 30 ² ×5 |
| | Cable with Splicing (mm ²) | 95 | 120 | 150 | 185 | 240 | 240 |
| | Cable with Connector (mm ²) | 95 | 120 | 150 | 185 | 240 | — |
| | Screw Diameter | Φ6 | Φ8 | Φ8 | Φ10 | Φ10 | Φ10 |
| Tightening Torque(N.m) | | 10 | 18 | 18 | 35 | 35 | 35 |

UNTC-F Technical Parameters



| Type | | UNTC-F400 | UNTC-F500 | UNTC-F630 | UNTC-F780 | UNTC-F800 |
|------------------------------------------------------|---------------------------------------------------|--------------------------------------|--------------------|--------------------|---------------------|--------------------|
| Rated Current | I _e max AC-3 (U _e ≤440V) | 400A | 500A | 630A | 780A | 800A |
| | I _e max AC-1 (θ ≤40°C) | 430A | 580A | 850A | 1200A | 850A |
| Main Contacts(NO) | | 3、 4 | 3、 4 | 3、 4 | 3 | 3、 4 |
| Rated Insulated Voltage(U _i) | | 1000V | 1000V | 1000V | 1000V | 1000V |
| Rated Impulse Withstand Voltage(U _{imp}) | | 8kV | 8kV | 8kV | 8kV | 8kV |
| Rated Operational Voltage(U _e)max | | 1000V | 1000V | 1000V | 1000V | 1000V |
| Standards-compliant | | IEC60947-4-1, GB14048.4, EN60947-4-1 | | | | |
| Conventional Thermal Current I _{th} (≤40°C) | | 430A | 880A | 850A | 1200V | 850V |
| Operation Frequency | AC-1 , AC-2 , AC-3 | 120 | 120 | 120 | 120 | 120 |
| | AC-4 | 30 | 30 | 30 | 30 | 30 |
| Rated Power(AC-3) | 220/240V | 110kW | 147kW | 200kW | 220kW | 220kW |
| | 380/400V | 200kW | 250kW | 335kW | 400kW | 400kW |
| | 415V | 220kW | 280kW | 375kW | 425kW | 425kW |
| | 440V | 250kW | 295kW | 400kW | 425kW | 425kW |
| | 500V | 257kW | 355kW | 400kW | 450kW | 450kW |
| | 660/690V | 280kW | 330kW | 450kW | 475kW | 475kW |
| | 1000V | 185kW | 335kW | 450kW | 450kW | 450kW |
| Connection/Wiring Operation Voltage (θ≤55°C) | Number of Lines Line Size(mm ²) | 30 ² ×5 | 40 ² ×5 | 60 ² ×5 | 100 ² ×5 | 60 ² ×5 |
| | Cable with Splicing (mm ²) | 2×150 | 2×240 | - | - | - |
| | Cable with Connector (mm ²) | - | - | - | - | - |
| | Screw Diameter | Φ10 | Φ10 | Φ12 | Φ12 | Φ12 |
| Tightening Torque(N.m) | | 35 | 35 | 58 | 58 | 58 |