

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2139082-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

**Issued to:** LS ELECTRIC Co Ltd  
95 Baekbong-ro Heungdeok-gu Cheongju-si,  
Chungcheongbuk-do  
Republic of Korea 28439

**This is to certify that  
representative samples of**

DIYA7 - Circuit Breakers with Equipment Ground-fault  
Protection Certified for Canada

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** CSA C22.2 NO. 5, 4th Ed., Issue Date: 2016-10-24,  
Revision Date: 2019-04-22

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<p>UTS1200H, UTS      1200      N</p> <p style="padding-left: 40px;">T      N      G</p> <p style="padding-left: 40px;">0      800A      3P</p> <p style="padding-left: 80px;">LL</p> <p style="padding-left: 40px;">I      II      III      IV</p> <p style="padding-left: 80px;">V      VI      VII</p> <p style="padding-left: 80px;">VIII      IX      X</p> <p style="padding-left: 40px;">I      Basic Model Designation -      UTS</p> <p style="padding-left: 80px;">II      AF -      800: 800AF</p> <p style="padding-left: 120px;">1200: 1200AF</p> <p style="padding-left: 40px;">III      Type (according to interrupting rating)</p> <p style="padding-left: 80px;">800: N, H, L</p> <p style="padding-left: 80px;">1200: N, P, H, L</p> <p style="padding-left: 40px;">IV      Type of Rating</p> <p style="padding-left: 80px;">T: 100 % rated</p> <p style="padding-left: 80px;">Blank: 80 % rated</p> <p style="padding-left: 40px;">V      TRIP UNIT Type</p> <p style="padding-left: 80px;">N : Normal type</p> <p style="padding-left: 80px;">A : Ammeter type</p> <p style="padding-left: 80px;">P : Power meter</p> <p style="padding-left: 80px;">S : Supreme meter</p> <p style="padding-left: 40px;">VI      TRIP UNIT Function</p> <p style="padding-left: 80px;">G : Ground fault (N, A type only)</p> <p style="padding-left: 80px;">E : Ground fault (with external CT)</p> <p style="padding-left: 120px;">(A type only)</p> <p style="padding-left: 80px;">C : Ground fault + Communication</p> <p style="padding-left: 120px;">(A, P, S type only)</p> <p style="padding-left: 80px;">K : Ground fault (with external CT) + Communication(A,</p> <p style="padding-left: 120px;">P, S only)</p> <p style="padding-left: 40px;">VII      TRIP UNIT Power</p> <p style="padding-left: 80px;">0 : 60 Hz , No external power</p> <p style="padding-left: 120px;">(N, A type only)</p> <p style="padding-left: 80px;">1 : 60 Hz , 100 ~ 250 Vac/dc</p> <p style="padding-left: 120px;">(A, P, S type only)</p> <p style="padding-left: 80px;">2 : 60 Hz , 24 ~ 60 Vdc</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>(A, P, S type only)                      5 : 50 Hz , No external power                      (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                      (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                      (A, P, S type only)</p> <p>VIII Rated current                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A</p> <p>IX Poles                      3P : 3 Poles</p> <p>X Lug Location                      LL: Line and Load side                      L: Line side only                      LO: Load side only                      Blank: Not provided</p>	
<p>UTS1200L, UTS 1200 N</p> <p style="margin-left: 20px;">T N G</p> <p style="margin-left: 20px;">0 800A 3P</p> <p style="margin-left: 20px;">LL</p> <p>I II III IV</p> <p style="margin-left: 20px;">V VI VII</p> <p style="margin-left: 20px;">VIII IX X</p> <p>I Basic Model Designation - UTS</p> <p style="margin-left: 20px;">II AF - 800: 800AF</p> <p style="margin-left: 20px;">1200: 1200AF</p> <p>III Type (according to interrupting rating)</p> <p style="margin-left: 20px;">800: N, H, L</p> <p style="margin-left: 20px;">1200: N, P, H, L</p> <p>IV Type of Rating</p> <p style="margin-left: 20px;">T: 100 % rated</p> <p style="margin-left: 20px;">Blank: 80 % rated</p> <p>V TRIP UNIT Type</p> <p style="margin-left: 20px;">N : Normal type</p> <p style="margin-left: 20px;">A : Ammeter type</p> <p style="margin-left: 20px;">P : Power meter</p> <p style="margin-left: 20px;">S : Supreme meter</p> <p>VI TRIP UNIT Function</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>                     G : Ground fault (N, A type only)                      E : Ground fault (with external CT)                          (A type only)                      C : Ground fault + Communication                          (A, P, S type only)                      K : Ground fault (with external CT) + Communication(A,                          P, S only)                 </p> <p> <b>VII      TRIP UNIT Power</b>                      0 : 60 Hz , No external power                          (N, A type only)                      1 : 60 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      2 : 60 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                      5 : 50 Hz , No external power                          (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                 </p> <p> <b>VIII     Rated current</b>                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A                 </p> <p> <b>IX       Poles</b>                      3P : 3 Poles                 </p> <p> <b>X        Lug Location</b>                      LL: Line and Load side                      L : Line side only                      LO: Load side only                      Blank: Not provided                 </p>																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">UTS1200N, UTS</td> <td style="width: 25%;">1200</td> <td style="width: 25%;">N</td> <td style="width: 25%;"></td> </tr> <tr> <td>T</td> <td>N</td> <td>G</td> <td></td> </tr> <tr> <td>0</td> <td>800A</td> <td>3P</td> <td></td> </tr> <tr> <td></td> <td>LL</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td>II</td> <td>III</td> <td>IV</td> </tr> <tr> <td>V</td> <td>VI</td> <td>VII</td> <td>X</td> </tr> <tr> <td>VIII</td> <td>IX</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td colspan="2">Basic Model Designation -</td> <td>UTS</td> </tr> <tr> <td>II</td> <td>AF -</td> <td>800: 800AF</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1200: 1200AF</td> <td></td> </tr> <tr> <td>III</td> <td colspan="3">Type (according to interrupting rating)</td> </tr> </table>	UTS1200N, UTS	1200	N		T	N	G		0	800A	3P			LL			I	II	III	IV	V	VI	VII	X	VIII	IX			I	Basic Model Designation -		UTS	II	AF -	800: 800AF				1200: 1200AF		III	Type (according to interrupting rating)			<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
UTS1200N, UTS	1200	N																																											
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800: N, H, L 1200: N, P, H, L	
IV Type of Rating T: 100 % rated Blank: 80 % rated	
V TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter	
VI TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)	
VII TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 2 : 60 Hz , 24 ~ 60 Vdc (A, P, S type only) 5 : 50 Hz , No external power (N, A type only) 6 : 50 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)	
VIII Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A	
IX Poles 3P : 3 Poles	
X Lug Location LL: Line and Load side L: Line side only	

*B. Mahlenz*

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<p style="text-align: center;">LO: Load side only Blank: Not provided</p> <p>                     UTS1200P, UTS      1200      N                          T      N      G                          0      800A      3P                                  LL                      I      II      III      IV                          V      VI      VII                          VIII      IX      X                 </p> <p>                     I      Basic Model Designation -      UTS                          II      AF - 800: 800AF                                  1200: 1200AF                      III      Type (according to interrupting rating)                                  800: N, H, L                                  1200: N, P, H, L                 </p> <p>                     IV      Type of Rating                                  T: 100 % rated                                  Blank: 80 % rated                 </p> <p>                     V      TRIP UNIT Type                                  N : Normal type                                  A : Ammeter type                                  P : Power meter                                  S : Supreme meter                 </p> <p>                     VI      TRIP UNIT Function                                  G : Ground fault (N, A type only)                                  E : Ground fault (with external CT)                                          (A type only)                                  C : Ground fault + Communication                                          (A, P, S type only)                                  K : Ground fault (with external CT) + Communication(A,                                          P, S only)                 </p> <p>                     VII      TRIP UNIT Power                                  0 : 60 Hz , No external power                                          (N, A type only)                                  1 : 60 Hz , 100 ~ 250 Vac/dc                                          (A, P, S type only)                                  2 : 60 Hz , 24 ~ 60 Vdc                                          (A, P, S type only)                                  5 : 50 Hz , No external power                                          (N, A type only)                                  6 : 50 Hz , 100 ~ 250 Vac/dc                                          (A, P, S type only)                 </p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
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<p>7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)</p> <p>VIII Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A</p> <p>IX Poles 3P : 3 Poles</p> <p>X Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS150H, UTS 150 N T ETS 150A 3P</p> <p>I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 150: 150AF</p> <p>III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V Type of Trip Unit ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function ETS LI: Electronic (Ir, tr, li)</p>	<p>Circuit Breakers with Equipment Ground- fault Protection</p>



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ETS LSI: Electronic (Ir, Isd, li) ETS LIG: Electronic (Ir, li, Ig)  VI Rated current ETS 60, 100, 150A  VII Poles 3P: 3 Poles  VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
UTS150L, UTS 150 N T ETS 150A 3P  I II III IV V VI VII VIII  I Basic Model Designation - UTS  II AF - 150: 150AF  III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc  IV Type of Rating T: 100 % rated Blank: 80 % rated  V Type of Trip Unit ETS: Electronic Standard  ELECTRONIC TRIP UNIT Function ETS LI: Electronic (Ir, tr, li) ETS LSI: Electronic (Ir, Isd, li)	Circuit Breakers with Equipment Ground- fault Protection



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ETS LIG: Electronic (lr, li, lg)  VI Rated current ETS 60, 100, 150A  VII Poles 3P: 3 Poles  VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
UTS150N, UTS 150 N T ETS 150A 3P  I II III IV V VI VII VIII  I Basic Model Designation - UTS II AF - 150: 150AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc IV Type of Rating T: 100 % rated Blank: 80 % rated V Type of Trip Unit ETS: Electronic Standard  ELECTRONIC TRIP UNIT Function ETS LI: Electronic (lr, tr, li) ETS LSI: Electronic (lr, lsd, li) ETS LIG: Electronic (lr, li, lg)  VI Rated current ETS 60, 100, 150A	Circuit Breakers with Equipment Ground- fault Protection



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<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS250H, UTS 250 N T 250A 3P LL ETS I II III IV VI VII VIII V I Basic Model Designation - UTS II AF - 250: 250AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc IV Type of Rating T: 100% Rated Blank: 80% Rated V Type of Trip Unit ETS: Electronic Standard ELECTRONIC TRIP UNIT Function ETS LI: Electronic (Ir, tr, li) ETS LSI: Electronic (Ir, lsd, li) ETS LIG: Electronic (Ir, li, lg) VI Rated current ETS 150, 250A VII Poles 3P: 3 Poles</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground- fault Protection</p>



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<p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS250L, UTS 250 N                  T 250A 3P LL                  ETS                  I II III IV                  VI VII VIII V</p> <p>I Basic Model Designation - UTS                  II AF - 250: 250AF</p> <p>III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac,                  65 kA at 240 Vac, 35 kA at 250 V dc,                  35 kA at 600 V dc                  H: 35 kA at 600 Vac, 65 kA at 480 Vac,                  100 kA at 240 Vac, 50 kA at 250 V dc,                  50 kA at 600 V dc                  L: 50 kA at 600 Vac, 100 kA at 480 Vac,                  150 kA at 240 Vac, 65 kA at 250 V dc,                  65 kA at 600 V dc</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V Type of Trip Unit                  ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function</p> <p>ETS LI: Electronic (Ir, tr, li)                  ETS LSI: Electronic (Ir, lsd, li)                  ETS LIG: Electronic (Ir, li, lg)</p> <p>VI Rated current                  ETS                  150, 250A</p> <p>VII Poles                  3P: 3 Poles</p> <p>VIII Lug Location                  LL: Line and Load side</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>

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<p style="text-align: center;">                     L: Line side only                      LO: Load side only                      Blank: Not provided                 </p> <p>                     UTS250N, UTS 250 N                      T 250A 3P LL                      ETS                      I II III IV                      VI VII VIII V                      I Basic Model Designation - UTS                      II AF - 250: 250AF                      III Type (according to interrupting rating)                      N: 18 kA at 600 Vac, 35 kA at 480 Vac,                      65 kA at 240 Vac, 35 kA at 250 V dc,                      35 kA at 600 V dc                      H: 35 kA at 600 Vac, 65 kA at 480 Vac,                      100 kA at 240 Vac, 50 kA at 250 V dc,                      50 kA at 600 V dc                      L: 50 kA at 600 Vac, 100 kA at 480 Vac,                      150 kA at 240 Vac, 65 kA at 250 V dc,                      65 kA at 600 V dc                      IV Type of Rating                      T: 100% Rated                      Blank: 80% Rated                      V Type of Trip Unit                      ETS: Electronic Standard                      ELECTRONIC TRIP UNIT Function                      ETS LI: Electronic (Ir, tr, li)                      ETS LSI: Electronic (Ir, lsd, li)                      ETS LIG: Electronic (Ir, li, lg)                      VI Rated current                      ETS                      150, 250A                      VII Poles                      3P: 3 Poles                      VIII Lug Location                      LL: Line and Load side                      L: Line side only                      LO: Load side only                      Blank: Not provided                 </p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
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<p>                     UTS400H, UTS 400 N T                      ETM 400A 3P LL                      I II III IV                      V VI VII                      VIII                 </p> <p>                     I Basic Model Designation - UTS                      II AF - 400: 400AF                      III Type (according to interrupting rating)                      N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac,                      H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac,                      L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac,                      IV Type of Rating                      T: 100% Rated                      Blank: 80% Rated                      V ELECTRONIC TRIP UNIT Function ETM                      ETM A                      ETM E                      ETM AE                      ETM AC                      ETM AEC                      ETM Z                      ETM ZA                      ETM ZE                      ETM ZAE                      ETM ZAEC                      A: Ammeter                      E: Earth Fault Protection                      C: Communication                      Z: Zone Selective Interlocking                      VI Rated current                      ETM                      250A, 400A                      VII Poles                      3P: 3 Poles                      VIII Lug Location                      LL: Line and Load side                      L: Line side only                 </p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>
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<p style="text-align: center;">LO: Load side only Blank: Not provided</p> <p>                     UTS400L, UTS 400 N T                      ETM 400A 3P LL                      I V II III IV                                VI VII                                VIII                 </p> <p>                     I Basic Model Designation - UTS                      II AF - 400: 400AF                      III Type (according to interrupting rating)                      N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac,                      H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac,                      L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac,                 </p> <p>                     IV Type of Rating                      T: 100% Rated                      Blank: 80% Rated                 </p> <p>                     V ELECTRONIC TRIP UNIT Function ETM                                ETM A                                ETM E                                ETM AE                                ETM AC                                ETM AEC                                ETM Z                                ETM ZA                                ETM ZE                                ETM ZAE                                ETM ZAEC                                A: Ammeter                                E: Earth Fault Protection                                C: Communication                                Z: Zone Selective Interlocking                 </p> <p>                     VI Rated current                                ETM                                250A, 400A                 </p> <p>                     VII Poles                                3P: 3 Poles                 </p> <p>                     VIII Lug Location                 </p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2139082-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
UTS400N, UTS 400 N T ETM 400A 3P LL I II III IV V VI VII VIII	Circuit Breakers with Equipment Ground-fault Protection
I Basic Model Designation - UTS II AF - 400: 400AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac, IV Type of Rating T: 100% Rated Blank: 80% Rated	
V ELECTRONIC TRIP UNIT Function ETM ETM A ETM E ETM AE ETM AC ETM AEC ETM Z ETM ZA ETM ZE ETM ZAE ETM ZAEC	
A: Ammeter E: Earth Fault Protection C: Communication Z: Zone Selective Interlocking	
VI Rated current ETM 250A, 400A	
VII Poles 3P: 3 Poles	



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<p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS600H, UTS 600 N T                  ETM 600A 3P LL                  I II III IV                  V VI VII                  VIII</p> <p>I Basic Model Designation - UTS                  II AF - 600: 600AF                  III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac                  H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac                  L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM                  ETM A                  ETM E                  ETM AE                  ETM AC                  ETM AEC                  ETM Z                  ETM ZA                  ETM ZE                  ETM ZAE                  ETM ZAEC</p> <p>A: Ammeter                  E: Earth Fault Protection                  C: Communication                  Z: Zone Selective Interlocking</p> <p>VI Rated current                  ETM                  400A, 600A</p> <p>VII Poles</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2139082-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

<p style="text-align: center;">3P: 3 Poles</p> <p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS600L, UTS 600 N T                  ETM 600A 3P LL                  I II III IV                  V VI VII                  VIII</p> <p>I Basic Model Designation - UTS                  II AF - 600: 600AF                  III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac                  H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac                  L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM                  ETM A                  ETM E                  ETM AE                  ETM AC                  ETM AEC                  ETM Z                  ETM ZA                  ETM ZE                  ETM ZAE                  ETM ZAEC</p> <p>A: Ammeter                  E: Earth Fault Protection                  C: Communication                  Z: Zone Selective Interlocking</p> <p>VI Rated current                  ETM                  400A, 600A</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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**Date** 9-Oct-2021

<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS600N, UTS 600 N T ETM 600A 3P LL I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS II AF - 600: 600AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating T: 100% Rated Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM ETM A ETM E ETM AE ETM AC ETM AEC ETM Z ETM ZA ETM ZE ETM ZAE ETM ZAEC</p> <p>A: Ammeter E: Earth Fault Protection C: Communication Z: Zone Selective Interlocking</p> <p>VI Rated current ETM 400A, 600A</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS800H, UTS 800 N T N G 0 800A 3P</p> <p style="text-align: center;">LL</p> <p style="text-align: center;">I II III IV V VI VII VIII IX X</p> <p>I Basic Model Designation - UTS II AF - 800: 800AF 1200: 1200AF III Type (according to interrupting rating) 800: N, H, L 1200: N, P, H, L</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter</p> <p>VI TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)</p> <p>VII TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground- fault Protection</p>



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<p>(A, P, S type only)                  2 : 60 Hz , 24 ~ 60 Vdc                  (A, P, S type only)                  5 : 50 Hz , No external power                  (N, A type only)                  6 : 50 Hz , 100 ~ 250 Vac/dc                  (A, P, S type only)                  7 : 50 Hz , 24 ~ 60 Vdc                  (A, P, S type only)</p> <p>VIII Rated current                  (available rating plug )                  800 : 400A, 600A, 630A, 800A                  1200 : 800A, 1000A, 1200A</p> <p>IX Poles                  3P : 3 Poles</p> <p>X Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>																																																																																																																															
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# CERTIFICATE OF COMPLIANCE

**Certificate Number**    UL-CA-2139082-0  
**Report Reference**      E362901-20130711  
**Date**                        9-Oct-2021

<p> <b>VI      TRIP UNIT Function</b>                      G : Ground fault (N, A type only)                      E : Ground fault (with external CT)                          (A type only)                      C : Ground fault + Communication                          (A, P, S type only)                      K : Ground fault (with external CT) + Communication(A,                          P, S only)                 </p> <p> <b>VII     TRIP UNIT Power</b>                      0 : 60 Hz , No external power                          (N, A type only)                      1 : 60 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      2 : 60 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                      5 : 50 Hz , No external power                          (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                 </p> <p> <b>VIII    Rated current</b>                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A                 </p> <p> <b>IX      Poles</b>                      3P : 3 Poles                 </p> <p> <b>X        Lug Location</b>                      LL: Line and Load side                      L : Line side only                      LO: Load side only                      Blank: Not provided                 </p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>																																
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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-2139082-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

III	1200: 1200AF Type (according to interrupting rating) 800: N, H, L 1200: N, P, H, L
IV	Type of Rating T: 100 % rated Blank: 80 % rated
V	TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter
VI	TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)
VII	TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 2 : 60 Hz , 24 ~ 60 Vdc (A, P, S type only) 5 : 50 Hz , No external power (N, A type only) 6 : 50 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)
VIII	Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A
IX	Poles 3P : 3 Poles
X	Lug Location

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LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2146538-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

**Issued to:** LS ELECTRIC Co Ltd  
95 Baekbong-ro Heungdeok-gu Cheongju-si,  
Chungcheongbuk-do  
Republic of Korea 28439

**This is to certify that  
representative samples of**

DIYA - Circuit Breakers with Equipment Ground-fault  
Protection

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 489, 13th Ed., Issue Date: 2016-10-24, Revision Date:  
2019-04-22

**Additional Information:** See the UL Online Certifications Directory at  
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2146538-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
<p>UTS1200H, UTS      1200      N</p> <p style="padding-left: 40px;">T      N      G</p> <p style="padding-left: 40px;">0      800A      3P</p> <p style="padding-left: 80px;">LL</p> <p>I      II      III      IV</p> <p style="padding-left: 40px;">V      VI      VII</p> <p style="padding-left: 80px;">VIII      IX      X</p> <p>I      Basic Model Designation -      UTS</p> <p style="padding-left: 40px;">II      AF -      800: 800AF</p> <p style="padding-left: 80px;">1200: 1200AF</p> <p>III      Type (according to interrupting rating)</p> <p style="padding-left: 40px;">800: N, H, L</p> <p style="padding-left: 40px;">1200: N, P, H, L</p> <p style="padding-left: 40px;">IV      Type of Rating</p> <p style="padding-left: 80px;">T: 100 % rated</p> <p style="padding-left: 80px;">Blank: 80 % rated</p> <p style="padding-left: 40px;">V      TRIP UNIT Type</p> <p style="padding-left: 80px;">N : Normal type</p> <p style="padding-left: 80px;">A : Ammeter type</p> <p style="padding-left: 80px;">P : Power meter</p> <p style="padding-left: 80px;">S : Supreme meter</p> <p style="padding-left: 40px;">VI      TRIP UNIT Function</p> <p style="padding-left: 80px;">G : Ground fault (N, A type only)</p> <p style="padding-left: 80px;">E : Ground fault (with external CT)</p> <p style="padding-left: 120px;">(A type only)</p> <p style="padding-left: 80px;">C : Ground fault + Communication</p> <p style="padding-left: 120px;">(A, P, S type only)</p> <p style="padding-left: 80px;">K : Ground fault (with external CT) + Communication(A, P, S only)</p> <p style="padding-left: 40px;">VII      TRIP UNIT Power</p> <p style="padding-left: 80px;">0 : 60 Hz , No external power</p> <p style="padding-left: 120px;">(N, A type only)</p> <p style="padding-left: 80px;">1 : 60 Hz , 100 ~ 250 Vac/dc</p> <p style="padding-left: 120px;">(A, P, S type only)</p> <p style="padding-left: 80px;">2 : 60 Hz , 24 ~ 60 Vdc</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>(A, P, S type only)                      5 : 50 Hz , No external power                      (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                      (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                      (A, P, S type only)</p> <p>VIII Rated current                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A</p> <p>IX Poles                      3P : 3 Poles</p> <p>X Lug Location                      LL: Line and Load side                      L: Line side only                      LO: Load side only                      Blank: Not provided</p>	
<p>UTS1200L, UTS 1200 N</p> <p>T N G</p> <p>0 800A 3P</p> <p>LL</p> <p>I II III IV</p> <p>V VI VII</p> <p>VIII IX X</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 800: 800AF</p> <p>1200: 1200AF</p> <p>III Type (according to interrupting rating)</p> <p>800: N, H, L</p> <p>1200: N, P, H, L</p> <p>IV Type of Rating</p> <p>T: 100 % rated</p> <p>Blank: 80 % rated</p> <p>V TRIP UNIT Type</p> <p>N : Normal type</p> <p>A : Ammeter type</p> <p>P : Power meter</p> <p>S : Supreme meter</p> <p>VI TRIP UNIT Function</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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**Date** 9-Oct-2021

<p>                     G : Ground fault (N, A type only)                      E : Ground fault (with external CT)                          (A type only)                      C : Ground fault + Communication                          (A, P, S type only)                      K : Ground fault (with external CT) + Communication(A,                          P, S only)                 </p> <p> <b>VII TRIP UNIT Power</b>                      0 : 60 Hz , No external power                          (N, A type only)                      1 : 60 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      2 : 60 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                      5 : 50 Hz , No external power                          (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                 </p> <p> <b>VIII Rated current</b>                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A                 </p> <p> <b>IX Poles</b>                      3P : 3 Poles                 </p> <p> <b>X Lug Location</b>                      LL: Line and Load side                      L: Line side only                      LO: Load side only                      Blank: Not provided                 </p>																																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">UTS1200N, UTS</td> <td style="width: 25%;">1200</td> <td style="width: 25%;">N</td> <td style="width: 25%;"></td> </tr> <tr> <td>T</td> <td>N</td> <td>G</td> <td></td> </tr> <tr> <td>0</td> <td>800A</td> <td>3P</td> <td></td> </tr> <tr> <td></td> <td>LL</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td>II</td> <td>III</td> <td>IV</td> </tr> <tr> <td>V</td> <td>VI</td> <td>VII</td> <td>X</td> </tr> <tr> <td>VIII</td> <td>IX</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td colspan="2">Basic Model Designation -</td> <td>UTS</td> </tr> <tr> <td>II</td> <td>AF -</td> <td>800: 800AF</td> <td></td> </tr> <tr> <td></td> <td></td> <td>1200: 1200AF</td> <td></td> </tr> <tr> <td>III</td> <td colspan="3">Type (according to interrupting rating)</td> </tr> </table>	UTS1200N, UTS	1200	N		T	N	G		0	800A	3P			LL			I	II	III	IV	V	VI	VII	X	VIII	IX			I	Basic Model Designation -		UTS	II	AF -	800: 800AF				1200: 1200AF		III	Type (according to interrupting rating)			<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
UTS1200N, UTS	1200	N																																											
T	N	G																																											
0	800A	3P																																											
	LL																																												
I	II	III	IV																																										
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VIII	IX																																												
I	Basic Model Designation -		UTS																																										
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**Certificate Number** UL-US-2146538-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

800: N, H, L 1200: N, P, H, L	
IV Type of Rating T: 100 % rated Blank: 80 % rated	
V TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter	
VI TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)	
VII TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 2 : 60 Hz , 24 ~ 60 Vdc (A, P, S type only) 5 : 50 Hz , No external power (N, A type only) 6 : 50 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)	
VIII Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A	
IX Poles 3P : 3 Poles	
X Lug Location LL: Line and Load side L: Line side only	



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<p>LO: Load side only Blank: Not provided</p> <p>UTS1200P, UTS 1200 N</p> <p>T N G</p> <p>0 800A 3P</p> <p>LL</p> <p>I II III IV</p> <p>V VI VII</p> <p>VIII IX X</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 800: 800AF</p> <p>1200: 1200AF</p> <p>III Type (according to interrupting rating)</p> <p>800: N, H, L</p> <p>1200: N, P, H, L</p> <p>IV Type of Rating</p> <p>T: 100 % rated</p> <p>Blank: 80 % rated</p> <p>V TRIP UNIT Type</p> <p>N : Normal type</p> <p>A : Ammeter type</p> <p>P : Power meter</p> <p>S : Supreme meter</p> <p>VI TRIP UNIT Function</p> <p>G : Ground fault (N, A type only)</p> <p>E : Ground fault (with external CT)</p> <p>(A type only)</p> <p>C : Ground fault + Communication</p> <p>(A, P, S type only)</p> <p>K : Ground fault (with external CT) + Communication(A, P, S only)</p> <p>VII TRIP UNIT Power</p> <p>0 : 60 Hz , No external power</p> <p>(N, A type only)</p> <p>1 : 60 Hz , 100 ~ 250 Vac/dc</p> <p>(A, P, S type only)</p> <p>2 : 60 Hz , 24 ~ 60 Vdc</p> <p>(A, P, S type only)</p> <p>5 : 50 Hz , No external power</p> <p>(N, A type only)</p> <p>6 : 50 Hz , 100 ~ 250 Vac/dc</p> <p>(A, P, S type only)</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>
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<p>7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)</p> <p>VIII Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A</p> <p>IX Poles 3P : 3 Poles</p> <p>X Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS150H, UTS 150 N T ETS 150A 3P</p> <p>I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 150: 150AF</p> <p>III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V Type of Trip Unit ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function ETS LI: Electronic (Ir, tr, li)</p>	<p>Circuit Breakers with Equipment Ground- fault Protection</p>



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<p>ETS LSI: Electronic (Ir, Isd, li) ETS LIG: Electronic (Ir, li, Ig)</p> <p>VI Rated current ETS 60, 100, 150A</p> <p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS150L, UTS 150 N T ETS 150A 3P</p> <p>I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 150: 150AF</p> <p>III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V Type of Trip Unit ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function ETS LI: Electronic (Ir, tr, li) ETS LSI: Electronic (Ir, Isd, li)</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>

*B. Mahlenz*

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<p>ETS LIG: Electronic (lr, li, lg)</p> <p>VI Rated current ETS 60, 100, 150A</p> <p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS150N, UTS 150 N T ETS 150A 3P</p> <p>I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS II AF - 150: 150AF</p> <p>III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, 35 kA at 250 V dc, 35 kA at 600 V dc H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, 50 kA at 250 V dc, 50 kA at 600 V dc L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac, 65 kA at 250 V dc, 65 kA at 600 V dc</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V Type of Trip Unit ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function ETS LI: Electronic (lr, tr, li) ETS LSI: Electronic (lr, lsd, li) ETS LIG: Electronic (lr, li, lg)</p> <p>VI Rated current ETS 60, 100, 150A</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS250H, UTS 250 N</p> <p>T 250A 3P LL</p> <p>ETS</p> <p>I II III IV</p> <p>VI VII VIII V</p> <p>I Basic Model Designation - UTS</p> <p>II AF - 250: 250AF</p> <p>III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac,                  65 kA at 240 Vac, 35 kA at 250 V dc,                  35 kA at 600 V dc                  H: 35 kA at 600 Vac, 65 kA at 480 Vac,                  100 kA at 240 Vac, 50 kA at 250 V dc,                  50 kA at 600 V dc                  L: 50 kA at 600 Vac, 100 kA at 480 Vac,                  150 kA at 240 Vac, 65 kA at 250 V dc,                  65 kA at 600 V dc</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V Type of Trip Unit                  ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function</p> <p>ETS LI: Electronic (Ir, tr, li)                  ETS LSI: Electronic (Ir, lsd, li)                  ETS LIG: Electronic (Ir, li, lg)</p> <p>VI Rated current                  ETS                  150, 250A</p> <p>VII Poles                  3P: 3 Poles</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground- fault Protection</p>



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<p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS250L, UTS 250 250 N                  T 250A 3P LL                  ETS                  I II III IV                  VI VII VIII V</p> <p>I Basic Model Designation - UTS                  II AF - 250: 250AF</p> <p>III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac,                  65 kA at 240 Vac, 35 kA at 250 V dc,                  35 kA at 600 V dc                  H: 35 kA at 600 Vac, 65 kA at 480 Vac,                  100 kA at 240 Vac, 50 kA at 250 V dc,                  50 kA at 600 V dc                  L: 50 kA at 600 Vac, 100 kA at 480 Vac,                  150 kA at 240 Vac, 65 kA at 250 V dc,                  65 kA at 600 V dc</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V Type of Trip Unit                  ETS: Electronic Standard</p> <p>ELECTRONIC TRIP UNIT Function</p> <p>ETS LI: Electronic (Ir, tr, li)                  ETS LSI: Electronic (Ir, lsd, li)                  ETS LIG: Electronic (Ir, li, lg)</p> <p>VI Rated current                  ETS                  150, 250A</p> <p>VII Poles                  3P: 3 Poles</p> <p>VIII Lug Location                  LL: Line and Load side</p>	<p>Circuit Breakers with Equipment Ground-                  fault Protection</p>



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<p style="text-align: center;">                     L: Line side only                      LO: Load side only                      Blank: Not provided                 </p> <p>                     UTS250N, UTS      250      N                      T      250A      3P      LL                                       ETS                      I      II      III      IV                      VI      VII      VIII      V                      I      Basic Model Designation -      UTS                               II      AF -      250: 250AF                      III      Type (according to interrupting rating)                               N: 18 kA at 600 Vac, 35 kA at 480 Vac,                                       65 kA at 240 Vac, 35 kA at 250 V dc,                                       35 kA at 600 V dc                               H: 35 kA at 600 Vac, 65 kA at 480 Vac,                                       100 kA at 240 Vac, 50 kA at 250 V dc,                                       50 kA at 600 V dc                               L: 50 kA at 600 Vac, 100 kA at 480 Vac,                                       150 kA at 240 Vac, 65 kA at 250 V dc,                                       65 kA at 600 V dc                               IV      Type of Rating                                       T: 100% Rated                                       Blank: 80% Rated                               V      Type of Trip Unit                                       ETS: Electronic Standard                      ELECTRONIC TRIP UNIT Function                               ETS LI: Electronic (Ir, tr, li)                               ETS LSI: Electronic (Ir, lsd, li)                               ETS LIG: Electronic (Ir, li, lg)                               VI      Rated current                                       ETS                                       150, 250A                               VII      Poles                                       3P: 3 Poles                               VIII      Lug Location                                       LL: Line and Load side                                       L: Line side only                                       LO: Load side only                                       Blank: Not provided                 </p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>
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**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

<p>                     UTS400H, UTS 400 N T                      ETM 400A 3P LL                      I II III IV                      V VI VII                      VIII                 </p> <p>                     I Basic Model Designation - UTS                      II AF - 400: 400AF                      III Type (according to interrupting rating)                      N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac,                      H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac,                      L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac,                      IV Type of Rating                      T: 100% Rated                      Blank: 80% Rated                      V ELECTRONIC TRIP UNIT Function ETM                      ETM A                      ETM E                      ETM AE                      ETM AC                      ETM AEC                      ETM Z                      ETM ZA                      ETM ZE                      ETM ZAE                      ETM ZAEC                      A: Ammeter                      E: Earth Fault Protection                      C: Communication                      Z: Zone Selective Interlocking                      VI Rated current                      ETM                      250A, 400A                      VII Poles                      3P: 3 Poles                      VIII Lug Location                      LL: Line and Load side                      L: Line side only                 </p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>
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**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

LO: Load side only Blank: Not provided	
UTS400L, UTS 400 N T ETM 400A 3P LL I V II III IV VI VII VIII	Circuit Breakers with Equipment Ground- fault Protection
I Basic Model Designation - UTS II AF - 400: 400AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac,	
IV Type of Rating T: 100% Rated Blank: 80% Rated	
V ELECTRONIC TRIP UNIT Function ETM ETM A ETM E ETM AE ETM AC ETM AEC ETM Z ETM ZA ETM ZE ETM ZAE ETM ZAEC A: Ammeter E: Earth Fault Protection C: Communication Z: Zone Selective Interlocking	
VI Rated current ETM 250A, 400A	
VII Poles 3P: 3 Poles	
VIII Lug Location	



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**Date** 9-Oct-2021

LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
UTS400N, UTS 400 N T ETM 400A 3P LL I II III IV V VI VII VIII	Circuit Breakers with Equipment Ground-fault Protection
I Basic Model Designation - UTS II AF - 400: 400AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac, H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac, L: 50 kA at 600 Vac, 100 kA at 480 Vac, 50 kA at 240 Vac, IV Type of Rating T: 100% Rated Blank: 80% Rated	
V ELECTRONIC TRIP UNIT Function ETM ETM A ETM E ETM AE ETM AC ETM AEC ETM Z ETM ZA ETM ZE ETM ZAE ETM ZAEC	
A: Ammeter E: Earth Fault Protection C: Communication Z: Zone Selective Interlocking	
VI Rated current ETM 250A, 400A	
VII Poles 3P: 3 Poles	



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<p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS600H, UTS 600 N T                  ETM 600A 3P LL                  I II III IV                    V VI VII                        VIII</p> <p>I Basic Model Designation - UTS                  II AF - 600: 600AF                  III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac                  H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac                  L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM                  ETM A                  ETM E                  ETM AE                  ETM AC                  ETM AEC                  ETM Z                  ETM ZA                  ETM ZE                  ETM ZAE                  ETM ZAEC</p> <p>A: Ammeter                  E: Earth Fault Protection                  C: Communication                  Z: Zone Selective Interlocking</p> <p>VI Rated current                  ETM                  400A, 600A</p> <p>VII Poles</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>



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<p style="text-align: center;">3P: 3 Poles</p> <p>VIII Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>	
<p>UTS600L, UTS 600 N T                  ETM 600A 3P LL                  I II III IV                  V VI VII                  VIII</p> <p>I Basic Model Designation - UTS                  II AF - 600: 600AF                  III Type (according to interrupting rating)                  N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac                  H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac                  L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating                  T: 100% Rated                  Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM                  ETM A                  ETM E                  ETM AE                  ETM AC                  ETM AEC                  ETM Z                  ETM ZA                  ETM ZE                  ETM ZAE                  ETM ZAEC</p> <p>A: Ammeter                  E: Earth Fault Protection                  C: Communication                  Z: Zone Selective Interlocking</p> <p>VI Rated current                  ETM                  400A, 600A</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>



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<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS600N, UTS 600 N T ETM 600A 3P LL I II III IV V VI VII VIII</p> <p>I Basic Model Designation - UTS II AF - 600: 600AF III Type (according to interrupting rating) N: 18 kA at 600 Vac, 35 kA at 480 Vac, 65 kA at 240 Vac H: 35 kA at 600 Vac, 65 kA at 480 Vac, 100 kA at 240 Vac L: 50 kA at 600 Vac, 100 kA at 480 Vac, 150 kA at 240 Vac</p> <p>IV Type of Rating T: 100% Rated Blank: 80% Rated</p> <p>V ELECTRONIC TRIP UNIT Function ETM ETM A ETM E ETM AE ETM AC ETM AEC ETM Z ETM ZA ETM ZE ETM ZAE ETM ZAEC</p> <p>A: Ammeter E: Earth Fault Protection C: Communication Z: Zone Selective Interlocking</p> <p>VI Rated current ETM 400A, 600A</p>	<p>Circuit Breakers with Equipment Ground-fault Protection</p>



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**Date** 9-Oct-2021

<p>VII Poles 3P: 3 Poles</p> <p>VIII Lug Location LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided</p>	
<p>UTS800H, UTS 800 N T N G 0 800A 3P</p> <p style="text-align: center;">LL</p> <p style="text-align: center;">I II III IV V VI VII VIII IX X</p> <p>I Basic Model Designation - UTS II AF - 800: 800AF 1200: 1200AF III Type (according to interrupting rating) 800: N, H, L 1200: N, P, H, L</p> <p>IV Type of Rating T: 100 % rated Blank: 80 % rated</p> <p>V TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter</p> <p>VI TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)</p> <p>VII TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc</p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>



Bruce Mahrenholz, Director North American Certification Program

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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-2146538-0  
**Report Reference** E362901-20130711  
**Date** 9-Oct-2021

<p>(A, P, S type only)                  2 : 60 Hz , 24 ~ 60 Vdc                  (A, P, S type only)                  5 : 50 Hz , No external power                  (N, A type only)                  6 : 50 Hz , 100 ~ 250 Vac/dc                  (A, P, S type only)                  7 : 50 Hz , 24 ~ 60 Vdc                  (A, P, S type only)</p> <p>VIII Rated current                  (available rating plug )                  800 : 400A, 600A, 630A, 800A                  1200 : 800A, 1000A, 1200A</p> <p>IX Poles                  3P : 3 Poles</p> <p>X Lug Location                  LL: Line and Load side                  L: Line side only                  LO: Load side only                  Blank: Not provided</p>																													
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">UTS800L, UTS</td> <td style="width: 15%;">800</td> <td style="width: 15%;">N</td> <td style="width: 15%;"></td> </tr> <tr> <td>T</td> <td>N</td> <td>G</td> <td></td> </tr> <tr> <td>0</td> <td>800A</td> <td>3P</td> <td></td> </tr> <tr> <td></td> <td>LL</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td>II</td> <td>III</td> <td>IV</td> </tr> <tr> <td>V</td> <td>VI</td> <td>VII</td> <td></td> </tr> <tr> <td></td> <td>VIII</td> <td>IX</td> <td>X</td> </tr> </table> <p>I Basic Model Designation - UTS</p> <p>II AF - 800: 800AF                  1200: 1200AF</p> <p>III Type (according to interrupting rating)                  800: N, H, L                  1200: N, P, H, L</p> <p>IV Type of Rating                  T: 100 % rated                  Blank: 80 % rated</p> <p>V TRIP UNIT Type                  N : Normal type                  A : Ammeter type                  P : Power meter                  S : Supreme meter</p>	UTS800L, UTS	800	N		T	N	G		0	800A	3P			LL			I	II	III	IV	V	VI	VII			VIII	IX	X	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>
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<p> <b>VI      TRIP UNIT Function</b>                      G : Ground fault (N, A type only)                      E : Ground fault (with external CT)                          (A type only)                      C : Ground fault + Communication                          (A, P, S type only)                      K : Ground fault (with external CT) + Communication(A,                          P, S only)                 </p> <p> <b>VII     TRIP UNIT Power</b>                      0 : 60 Hz , No external power                          (N, A type only)                      1 : 60 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      2 : 60 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                      5 : 50 Hz , No external power                          (N, A type only)                      6 : 50 Hz , 100 ~ 250 Vac/dc                          (A, P, S type only)                      7 : 50 Hz , 24 ~ 60 Vdc                          (A, P, S type only)                 </p> <p> <b>VIII    Rated current</b>                      (available rating plug )                      800 : 400A, 600A, 630A, 800A                      1200 : 800A, 1000A, 1200A                 </p> <p> <b>IX      Poles</b>                      3P : 3 Poles                 </p> <p> <b>X        Lug Location</b>                      LL: Line and Load side                      L : Line side only                      LO: Load side only                      Blank: Not provided                 </p>	<p style="text-align: center;">Circuit Breakers with Equipment Ground-fault Protection</p>																																
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*B. Mahlenz*

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**Date** 9-Oct-2021

III	1200: 1200AF Type (according to interrupting rating) 800: N, H, L 1200: N, P, H, L
IV	Type of Rating T: 100 % rated Blank: 80 % rated
V	TRIP UNIT Type N : Normal type A : Ammeter type P : Power meter S : Supreme meter
VI	TRIP UNIT Function G : Ground fault (N, A type only) E : Ground fault (with external CT) (A type only) C : Ground fault + Communication (A, P, S type only) K : Ground fault (with external CT) + Communication(A, P, S only)
VII	TRIP UNIT Power 0 : 60 Hz , No external power (N, A type only) 1 : 60 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 2 : 60 Hz , 24 ~ 60 Vdc (A, P, S type only) 5 : 50 Hz , No external power (N, A type only) 6 : 50 Hz , 100 ~ 250 Vac/dc (A, P, S type only) 7 : 50 Hz , 24 ~ 60 Vdc (A, P, S type only)
VIII	Rated current (available rating plug ) 800 : 400A, 600A, 630A, 800A 1200 : 800A, 1000A, 1200A
IX	Poles 3P : 3 Poles
X	Lug Location



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LL: Line and Load side L: Line side only LO: Load side only Blank: Not provided	
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