



TEST REPORT

| Reference No | : 1 | WTX23D10218930Z001 |
|------------------------|-------|--|
| Applicant | 211 | GlobTek, Inc. |
| Address | LI EX | 186 Veterans Dr. Northvale, NJ 07647 USA |
| Manufacturer | ·+ | GlobTek, Inc. |
| Address | · . | 186 Veterans Dr. Northvale, NJ 07647 USA |
| Product Name | : | Blades-R |
| Model No | 71/2 | R-SAA-2 |
| Total pages | : 4 | 43 Pages |
| Standards | NA. | ☑ IEC 60320-1: 2021 Appliance couplers for household and similar general purposes – Part 1: General requirements |
| Date of Receipt sample | ; | 2023-10-18 |
| Date of Test | Ĩ., | 2023-10-18 to 2023-11-15 |
| Date of Issue | : | 2024-03-05 |
| | | |

Remarks:

Test Result.....:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

Prepared By: Waltek Testing Group Co., Ltd.

Address: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China
Tel:+86-769-2267 6998
Fax:+86-769-2267 6828

Compiled by:

Approved by:

Sam Qi / Designated Reviewer



Reference No.: WTX23D10218930Z001 Page 2 of 43

List of Attachments (including a total number of pages in each attachment):

Attachment to test report: 2 pages of AUSTRALIA / NEW ZEALAND NATIONAL DIFFERENCES.

The product with models R-SAA-2 is Plug with detachable AU plug and connect

The maximum ambient temperature specified by manufacturer is 40°C

Summary of testing:

From the result of our examination and tests in the submitted samples, conclude they comply with the requirements of the standard AS/NZS 60320.1:2012

Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

Reference No.: WTX23D10218930Z001 Page 3 of 43

| Test item particulars | write white white was any on the |
|--|---|
| Classification of installation and use: Supply Connection: | AC Mains |
| Construction: | □ Standard sheet according to IEC 60320-3□ Non-standardized construction |
| Rated voltage: | ⊠ AC 250 V Others: |
| Rated current: | 2.5 A |
| Maximum pin temperature: | □ 70 °C Cold conditions □ 120 °C Hot conditions □ 155 °C Very hot conditions |
| Ambient temperature: | □ max. +40 °C, but max. 35 °C over a period of 24 h □ Use in ambient temperatures above +35 °C up to and including +90 °C according to Annex E |
| Type of equipment to be connected: | ☑ Class I equipment☐ Class II equipment |
| Appliance inlets and appliance outlets | |
| Method of mounting: | ☐ Flange mounting☐ Snap-in mounting☐ Inlay mounting☑ Others: |
| Type of terminal: | □ Screw□ Screwless□ Pillar☑ Others: |
| Type of terminations: | Solder termination □ PCB-termination with additional solder terminal for earthing contact □ PCB-termination □ Flat-quick tab-termination 2,8 x 0,8 mm □ Flat-quick tab-termination 4,8 x 0,8 mm □ Flat-quick tab-termination 6,3 x 0,8 mm □ Others: |
| Connectors and plug connectors | LITE MILE WILL MAN MIN WILL WILL WILL WILL WILL WILL WILL WI |
| Method of connecting the cord: | Non-rewirable □ Crimped □ Others: □ rewirable □ Screw terminals □ Others: |
| Construction of cable entry: | Straight☐ Angled |



Reference No.: WTX23D10218930Z001 Page 4 of 43

| Possible test case verdicts: | WITE WILL MAN AND AND AND AND |
|---|--|
| - test case does not apply to the test object: | N/A |
| - test object does meet the requirement | P (Pass) |
| - test object does not meet the requirement | F (Fail) |
| Testing: | MULT MULT AND |
| Date of receipt of test item | 2023-10-18 |
| Date (s) of performance of tests | 2023-10-18 to 2023-11-15 |
| General remarks: | with with man man an an |
| "(See Enclosure #)" refers to additional information a land "(See appended table)" refers to a table appended to the suppose the suppose that the suppose the suppose the suppose that the suppose the suppose that the suppose the suppose the suppose the suppose the suppose that the suppose the suppos | he report. |
| Manufacturer's Declaration per sub-clause 4.2.5 of | IECEE 02: |
| The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided. | ☐ Yes ☑ Not applicable |
| When differences exist; they shall be identified in t | the General product information section. |
| Name and address of factory (ies) | : 1.GlobTek, Inc. |
| | 186 Veterans Dr. Northvale, NJ 07647 USA |
| | 2. GlobTek (Suzhou) Co., Ltd |
| | Building 4, No. 76, Jin Ling East Rd., Suzhou Industrial Park, Suzhou, JiangSu 215021, China |
| General product information and other remarks: | a state of the state of |
| Products covered by this test report are Connector The product Rating(s): 250V~, 50-60Hz,2.5A | |



Reference No.: WTX23D10218930Z001 Page 5 of 43

| N. C. Maria | My My My M | IEC 60320-1 | LIER WIFE WHITE WA | right August |
|-------------|--------------------|-------------|--------------------|--------------|
| Clause | Requirement + Test | Mur. M. M. | Result - Remark | Verdict |

| 8 | MARKING | P |
|--|--|------|
| 8.1 | General Company of the Company of th | Р |
| TEX . | Appliance couplers are marked with: | of P |
| % √n | - name, trademark or identification mark of the manufacturer or responsible vendor: GlobTek, Inc. | Р |
| me | - type reference | Р |
| 3.2 | Additional markings | Р |
| "Est | Standardized connectors/plug connectors in accordance with IEC 60320-3 and all non-standardized appliance couplers are additionally marked with: | |
| Ver 7 | - rated current (A) (except 0,2 A connectors) 2.5A | Р |
| d. | - rated voltage (V) | ₽ P |
| 1/1/2 | - symbol for nature of supply ~ | Р |
| k walie | - marking to identify the type of conductors suitable for screwless terminal: | N/A |
| 3.3 | Appliance couplers for class II equipment | P |
| MEL | Appliance couplers for class II: Not marked with the symbol for class II construction | un P |
| 8.4 | Symbol or alphanumeric notations | P |
| | Correct symbols are used | , P |
| MUL | Marking for the nature of supply placed next to the marking for rated current and rated voltage | Р |
| 8.5 | Legibility of marking | Р |
| TEX | Connectors/plug connectors: Marking according to 8.1, is still easily discernible | P |
| 3.6 | Terminal markings and wiring instructions | N/A |
| TEX ON | Terminals, in rewirable non-reversible connectors/plug connectors, are indicated as follow: | N/A |
| y Walife | - earthing terminal: [earth symbol, earth symbol in circle or PE]: | N/A |
| | - neutral terminal: N: | N/A |
| White white | Conductor, in non-rewirable polarized connectors/plug connectors are connected as specified in 22.1 | N/A |
| | Appliance inlets/appliance outlets, other than those integrated or incorporated in an appliance or equipment, have terminal markings to correspond with this subclause | N/A |
| · SLIE | Rewirable connectors/plug connectors are supplied with the following instruction: | N/A |
| 20, | - method of connection of the conductors: | N/A |
| A ELECTRICAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE P | - method of the operation of the cord anchorage: | N/A |



Reference No.: WTX23D10218930Z001 Page 6 of 43

| Clause | Requirement + Test | Result - Remark | Verdict |
|------------|---|-----------------------|-----------------|
| Olddoc | | Treadit Tremant | Verdice |
| TEF. | - length of sleeving and insulation to be stripped back | The shift set | N/A |
| en en | - sizes and types of cable or cords suitable: | Write Augr Aug A | N/A |
| 8.7 | Durability | at at all a | P |
| | Marking is easily legible and durable | in were more man | Р |
| WALTER | Marking are not placed on screw or other removable parts | - uniter whiter white | mir Per |
| 8.8 | Test and inspection | at at at | P th |
| 21/2 1 | Test: 15 s with water, 15 s with petroleum spirit | WHITE WALL WAL. | P |
| STEP 10 | Marking made by moulding, pressing or engraving | at at at | THE TOP |
| 9 | DIMENSIONS AND COMPATIBILITY | | Р |
| 9.1 | General | et let let ut | et Po |
| t Tex | Appliance couplers are designed that unintended or improper connection is prevented | Mur mr m | P |
| 9.2 | Single-pole connection | | AL AB |
| WILLER OF | Single-pole connections between connectors/ appliance outlets and appliance inlets/plug connectors are not possible | Mitel Whitek Whitek | nites IntP |
| 9.3 | Compatibility | ALTER ON | The P. V |
| .£ . | It shall not be possible to engage (using a force of 60 | N for 60 s): | Р |
| MULL | - connectors for class II equipment in appliance inlets/plug connectors for class I equipment | MILIE MILLE WALLE | P |
| | - plug connectors for devices of protection class I in connectors/appliance outlets for devices of protection class II | MALTER WALTER WALTER | unite un P |
| in the con | - connectors for cold conditions in appliance inlets/plug connectors for hot or very hot conditions | LIES WALTER WALTER W | NE P |
| TE WALT | - plug connectors for cold conditions in appliance outlets for hot or very hot conditions | EX WALTER WALTER WAL | Pur Pur |
| MUNITER | - connectors for hot conditions in appliance inlets/plug connectors for very hot conditions | MALTER MALTER MALTER | WHITE BY |
| WALTER V | - plug connectors for hot conditions in appliance outlets for very hot conditions | LIER MITER MITER | UNLES DIVINI |
| LITER ON | - connectors in appliance inlets/plug connectors having a higher rated current than the connector | THE THE THE | ITEK NITEP |
| iek site | - plug connectors in appliance outlets having a lower rated current than the plug connector | t lit lit is | P P |
| - ZEX | Test: Engagement of a connector or plug connector with a force of 60 N for min. 60 s | mur mur mu | P |
| Mr. | During the test: no contact of the pins | incite innite wait | W. W. |
| 9.4 | Dimensions for standardized appliance couplers | | N/A |



Reference No.: WTX23D10218930Z001 Page 7 of 43

| Clause | Requirement + Test | Result - Remark | Verdic |
|---------------|--|--------------------------------|-------------|
| Ciduse | requirement . Foot | Troduit - Norman | Verdic |
| | Standardized appliance couplers shall comply with the relevant standard sheets according to IEC 60320-3: | with with whitek white | N/A |
| 9.5 | Dimensions for non-standardized appliance coup | olers | P |
| ex whe | Non-standardized appliance couplers are acceptable if do not adversely affect the purpose and safety of standardized appliance couplers | TEX TEX TEX | un Pul |
| MILIER O | There are no small deviations from the dimensions as specified in the standard sheets which give the impression of a standardized coupler which could lead to it being mistaken for a standardized appliance coupler | Multer multer multer man | P |
| | No changes which adversely affect the contact- making ability | HELL MULL MULL MULL | Р |
| WALTER WALTER | It is not possible to engage a part of a non- standardized appliance coupler with a complementary part of a standardized appliance coupler complying with the standard sheets in any part of IEC 60320 | MULTER WALTER WALTER WALTER WA | HILLE MALLE |
| Marie M | It is not possible to engage a part of a non- standardized appliance coupler with a complementary part of a standardized appliance coupler for direct current | INLIER WHITER WHITER WHITE | JULIER W |
| ex write | It is not possible within a given system to make connections other than in the intended position or to make partial connections causing deformation which can impair the further use of the appliance for: | | |
| - JEX | - a connector and associated appliance inlet | at the state of | e Be |
| 2112 | - an appliance outlet with the associated plug connector | Muzz Muzz Muzz Muzz | P |
| 10 | PROTECTION AGAINST ELECTRIC SHOCK | | Р |
| 10.1 | Accessibility of live parts | | ∠d-P |
| * "h | Live parts of appliance couplers are not accessible when in partial or complete engagement | CERTAINTE MILLE MILLE | P |
| JUNETE | Live parts of connectors/appliance outlets are not accessible | Whitek Mulies Mulies M | , P |
| | Connectors with enclosures or bodies of elastomeric or thermoplastic material: test made with the standard test probe B of IEC 61032 applied for min. 30 s with a force of 20 N | Writek Whitek Whitek Whi | P |
| 10.2 | Protection against single pole connection | Vr. Mr. M. M. | Р |
| L WALTER | Connection between a pin of an appliance inlet/plug connector and a contact of a connector/appliance outlet is not possible as long as any of the pins is accessible | THE STEEL WHITE WHITE | IN PA |
| 10.3 | Protection against access to live parts | 24 24 25 | Р |



Reference No.: WTX23D10218930Z001 Page 8 of 43

| IEC 60320-1 | | | |
|-------------|--|---------|--|
| Clause | Requirement + Test Result - Remark | Verdict | |
| THE TEXT | It is not possible to remove parts preventing access to live parts without the aid of a tool | Р | |
| nie ni | Bushes are adequately fixed, and it is not possible to remove them without dismantling the connector/appliance outlet | I P | |
| 10.4 | External parts | Р | |
| White | Insulating material for external parts of connectors, appliance outlets and plug connectors | P | |
| 10.5 | Shrouds which the life the life the life that the life tha | N/A | |
| INLIEK UN | Insulating material for shroud and base of appliance inlets without earthing contact and those of 2,5 A appliance inlets/appliance outlets with earthing contact | N/A | |
| 11 | PROVISION FOR EARTHING | Р | |
| | Appliance couplers with protective earthing contact: constructed that the protective earthing contact is first make and last break relative to any other contact | P | |
| 12 | TERMINAL AND TERMINATIONS | P | |
| 12.1 | General | Р | |
| VILLE AND | Requirements in the appropriate IEC standard apply for the terminal and terminations | P | |
| WALTE | Clamping means of terminals do not serve to fix any other components | P | |
| 12.2 | Rewirable appliance couplers | N/A | |
| All the | They are provided with screw-type clamping units or screwless clamping units according to IEC 60999-1 | N/A | |
| 12.3 | Non-rewirable appliance couplers | P 2 | |
| itek mit | They are provided with soldered, welded, crimped or equally effective screwless connections: | IEK P | |
| EX MITEX | The possibility to disconnect the conductor is not allowed | L P | |
| 13 | CONSTRUCTION | Р | |
| 13.1 | Risk of accidental contact | P | |
| NITEK WA | There is no risk of accidental contact between earthing contact of appliance inlet/plug connector and current-carrying contacts of the connector/appliance outlet | LIFE W | |
| 13.2 | Contact positions | P | |
| L INLIEK | In non-reversible connectors/plug connectors the contact positions are established by looking at the engagement face as shown in the standard sheets of IEC 60320-3 | N/A | |
| , t | Position shall be set out as in Table 1: | N/A | |
| Will al | Connectors: | N/A | |

Waltek Testing Group Co., Ltd. http://www.waltek.com.cn



Reference No.: WTX23D10218930Z001 Page 9 of 43

| 01 | IEC 60320-1 | | |
|------------------------|---|-----------------------------|----------|
| Clause | Requirement + Test | Result - Remark | Verdic |
| 20 | - earthing contact: in a symmetrical arrangement | Mr. Mr. M. M. | N/A |
| ur ^{lier} .ur | - line contact: lower right-hand position | TEX LIEK SLIEK MATE | N/A |
| · | - neutral contact: lower left-hand position | he me me | N/A |
| LTE MALT | Plug connectors: | TEX LIEK NITER WITE | N/A |
| 4 4 | - earthing contact: in a symmetrical arrangement | An In A | N/A |
| " UNIT | - line contact: lower left-hand position | E STEE OLIER WHILE SU | N/A |
| - CK | - neutral contact: lower right-hand position | 211 211 | N/A |
| Mr. 1 | In non-reversible appliance couplers not complying w IEC 60320-3: | vith the standard sheets of | Р |
| المال المالي | - Verification of the correct polarization | TEX LIER NITER MITE | Р |
| 13.3 | Parts covering live parts | by the the | Р |
| TE MALT | Adequately locked against loosening | CA STEP STEP SOUTH | m Bu |
| L 3+ | Test: Inspection and tests of Clause 18, 20 and 23 | 20, 20, | L P |
| 13.4 | Pin construction | * LITER INLIER WILLER WA | Р |
| 13.4.1 | Prevention of rotation | The sure of | - P- |
| MUT M | Pins and contacts adequately locked against rotation | White Milies White White | M. P |
| 13.4.2 | Pin retention | ALTE MITE | Pu |
| 4 0 | Pins of appliance inlets/plug connectors: | _1 / m | Р |
| WALL | - are securely retained | E LIE WITH WITH W | n' P |
| · it | - have adequate mechanical strength | The state of | P |
| Why. | - it is not possible to remove them without the aid of a tool | WALTER WALTER WALTE WAL | Р |
| Wille M | - are surrounded by a shroud | THE LIET NITE WITE | P P |
| | - are not protrude beyond the rim of the shroud | 1 11 11 11 | Р |
| ile, with | Test for security of pin retention | TEX LIFE OLIFE MITE. | an Bu |
| et ciet | - heating of the sample 60 +5/0 min, test temperature (°C) | 70°C;60min | <u> </u> |
| W. | - each pin subjected to a force of 60 N ± 0,6 N for 60 s + 3/0 s | 60N;60s | Р |
| war w | - force applied in direction away from the base | WILL MILLE MALLE WALL | III. B |
| , t | - force applied in direction towards the base | | Р |
| Vr. Mu | During the test on any pin there is no movement exceeding 2,5 mm | 0.3mm | P |
| المارية | 5 min. after removal of test force, pins remain within: | et tet tet ater. | P |
| MUTEK. | - for standardized appliance couplers, the tolerances of the standard sheet | THE THE THE | N/A |
| | - for non-standardized appliance couplers, as specified by the manufacturer | MIT, MIT, MIT, MI | Р |



Reference No.: WTX23D10218930Z001 Page 10 of 43

| 70, | IEC 60320-1 | | | |
|-----------|--|---------------------------------|--------|--|
| Clause | Requirement + Test | Result - Remark | Verdic | |
| 13.4.3 | Non-solid pins | Muse mais mer me | Р | |
| CLIFET SI | Test for non-solid pins | LER TER TER STEE | P | |
| Clest SI | A force of 100 N applied for 60 s + 3/0 s by means of a steel rod having a diameter of 4,8 mm | the tit the | P | |
| EX LEX | After the test: - no significant alteration in the shape of the pin | White and the second | Р | |
| 13.4.4 | Pins for appliance couplers for higher ambient te | mperatures up to +90 °C | N/A | |
| WALTER | Pins for plug connectors or appliance inlets made of solid material | SLIER MIER MATER WALTER | N/A | |
| 13.5 | Contact pressure | a state | ΑP | |
| ilek mile | Contacts of connectors/appliance outlets are self- adjusting so as to provide adequate contact pressure | the white white white | P | |
| A WALLEY | Self-adjustment of the contacts in connectors/ appliance outlets other than 0,2 A, does not depend upon the resiliency of insulating material | WILE WILEY WILEY WILE | P | |
| 13.6 | Enclosure | The second second | P | |
| 13.6.1 | General | WILL MULTER WALL MALE | oll. b | |
| NITEK WAL | Parts of the body of connectors/plug connectors are reliably fixed to one another | tet autet mittet w | LIE P | |
| 13.6.2 | Rewirable connectors and rewirable plug connec | tors | N/A | |
| MUL | It is not possible to dismantle the connector/plug connector without the aid of a tool | WHITE WHITE WALL WAS | N/A | |
| WILLE . | Terminals and the ends of cord - completely enclosed by the enclosure | MILIER WHITER WAITER WALTER | N/A | |
| ALTER IN | Construction is such that conductors can be properly | connected and is unlikely that: | N/A | |
| in in | - cores are not pressed against each other causing damage | art was any any | N/A | |
| * "S* | - cores of live conductor not pressed against accessible metal parts | in white mail wall we | N/A | |
| MULL | - core of earthing conductor not pressed against live parts | White white white whi | N/A | |
| White W | It is not possible to assemble the rewirable connector in such a way that terminals are enclosed and contacts accessible | MILER WHITER WHITER WHITE | N/A | |
| iek vile | Separate independent means for fixing and locating parts of the body with respect to each other are present in rewirable connectors/plugs connectors | HE WILL WILL WILL W | N/A | |
| 24, | Thread-cutting screws are not used | They have the the | N/A | |
| WALTER | Resiliency of the contacts does not depend upon the assembly of the parts of the body | LIET WIFE WIFE WHIFE | N/A | |



Reference No.: WTX23D10218930Z001 Page 11 of 43

| Clause | Requirement + Test Re | sult - Remark | Verdic |
|-----------|--|-----------------------------|-------------------|
| | | The will have | - 10 |
| | Partial loosening of assembly screws does not allow the detachment of parts providing protection against electric shock | | N/A |
| 13.6.3 | Non-rewirable connectors and non-rewirable plug co | nnectors | νP |
| TIE AVE | Accessories are such that: | NITER WILLER WALTER WI | Р |
| EK MALTEK | - flexible cable cannot be separated from the accessory without making it permanently useless | LIEK SLIEK WILEK WILE | * P |
| NLIEK. | - accessory cannot be opened by hand or by using a general purpose tool | tet tet tet wites | PE |
| 13.7 | Earth connection | The Man Man | N/A |
| Wiles AW | Earthing contact/earthing pin of connector/plug connector is fixed to the body | A MUTTER MUTTER AND LESS | N/A |
| TEK WALTE | Various parts of earthing contact/earthing pin and earthing terminal which are not in one piece are fixed together by riveting, welding or similar reliable manner | MULTER MULTER MULTER MA | N/A |
| Lest. | Metal part of appliance coupler, designed that corrosion do not impair safety | it we are an | N/A |
| NUTER INC | Connection between earthing contact/earthing pin and earthing terminal is of metal resistant to corrosion | TEX SLIEN | N/A |
| 13.8 | Location of terminals and terminations | 2 10 10 10 10 | Р |
| 13.8.1 | General | The Little Miller Mill | Р |
| WALTER | Terminals of rewirable accessories and terminations of non-rewirable accessories are so located or shielded that loose wires will not present a risk of electric shock | ny Antier Austrer Austre | N/A |
| itek muri | Non-rewirable moulded-on accessories are provided with means to prevent loose wires of a conductor from reducing the minimum isolation distance requirements | et whitet white white | n ^L P. |
| 13.8.2 | Free wire test for rewirable accessories | 14. 14. | N/A |
| Mr. | Test with 6 mm free wire of in every possible direction | NITER INLIES WALL WALL | N/A |
| | Free wire of a conductor connected to a live terminal does not touch any accessible metal part or is not able to emerge from the enclosure | | N/A |
| VELEN MUI | Free wire of a conductor connected to an earthing terminal does not touch a live part | t antifet aunifek antifek a | N/A |
| 13.8.3 | Free wire test for non-rewirable non-moulded-on acc | essories | N/A |
| Mer | Test with a free wire of length equivalent to the maximum declared by the manufacturer plus 2 mm | n designed stripping length | N/A |



Reference No.: WTX23D10218930Z001 Page 12 of 43

| Olaver | Deminerate LT-1 | Decult Demonstr | 1/ |
|-------------------------|---|---------------------------------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| My TEK M | Free wire of a conductor connected to a live termination does not touch any accessible metal part or does not reduce creepage distance and clearance below 1,5 mm to the external surface | WILL MILLER MILLER WALLE | N/A |
| LIEN WAL | Free wire of a conductor connected to an earth termination does not touch any live part | TEX WHITEX WHITEX WHITEX | N/A |
| 13.8.4 | Free wire verification for non-rewirable moulded- | on accessories | N/A |
| WALTER V | Verification of means to prevent stray wires reducing the minimum distance through insulation to external accessible surface below 1,5 mm | Whi while while while | N/A |
| 13.9 | Connectors/plug connectors without earthing cor | ntact | Р |
| iner vin Tex vinet (| Connectors/plug connectors without earthing contact and 2,5 A connectors/plug connectors with earthing contact are part of a cord set or an interconnection cord set | THE WALLEY WALLEY WALLEY | NIEK WY |
| 13.10 | Fuses, relays, thermostats, thermal cut-outs and | switches | N/A |
| | Fuses, relays, thermostats and thermal cut-outs are not incorporated in connectors and plug connectors complying with the standard sheets of IEC 60320-3 | white white white out | N/A |
| in w | Fuses, relays, thermostats and thermal cut-outs incorporated in appliance inlets and appliance outlet comply with the relevant IEC standards | ALL WILL WILL WILLEST | N/A |
| . L | Switches comply with IEC 61058-1 (all parts) | | N/A |
| Much | Energy regulators comply with IEC 60730-2-11 | ALTE META WALTER WI | N/A |
| 14 | MOISTURE RESISTANCE | | Р |
| Mr. | Test samples kept in a humidity cabinet containing air maintained between 91 % and 95 % for: | r with relative humidity | ₩P |
| incire on | - 168 h (seven days) for appliance coupler with earthing contacts | LIER WHITE WHITE | N/A |
| ciest ancid | - 48 h (two days) in all other cases | et let liet liet | P |
| et jet | After this treatment the test sample show no damage | and the the | P |
| 15 | INSULATING RESISTANCE AND ELECTRIC STRE | NGTH | Р |
| 15.1 | General | it the test with | P |
| 70° 7 | Adequate insulation resistance and dielectric strength for appliance coupler | ned un un un | P |
| 15.2 | Insulation resistance | LIFE MALLE WALL MAL | A P |
| TEK WALTE | The insulation resistance measured 60 s ± 5 s after application of 500 + 50 V d.c. | see appended Table 15.2 | NI EX P |
| 15.3 | Dielectric strength | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | e Pé |
| anr. | Electric strength: a.c. test voltage applied for 60 s ± 5 s | see appended Table 15.3 | WP |



Reference No.: WTX23D10218930Z001 Page 13 of 43

| Clause | Requirement + Test | Result - Remark | Verdict |
|------------|--|-----------------------------|---------|
| 16 | FORCES NECESSARY TO INSERT AND TO WITH CONNECTOR/APPLIANCE OUTLET | DRAW THE | Р |
| 16.1 | General | WILL WILL MUT. MUT. | Р |
| ILEK WAL | The construction of appliance couplers shall allow the of the connector/appliance outlet and prevent from we inlet/plug connector in normal use | | TE P |
| 16.2 | Verification of the maximum withdrawal force | F ITEX SLIEN WITE WITE | Р |
| | For standardized appliance couplers: gauge is used | m m m | _ |
| ALTER A | For non-standardized types: the counterpart as specified by the manufacturer is used | WHITE WHITE WHITE WHITE | _ |
| INLIE WY | The connector/appliance outlet shall disengage within 3 s from the appliance inlet/plug connector | see appended Table 16 | P |
| 16.3 | Verification of the minimum withdrawal force | at let let liet a | P |
| 20 | For standardized types: test pin gauge is used | Mr. Mr. M. M. | _ |
| WALTER | For non-standardized types: test pin with minimum dimensions as specified by the manufacturer is used | WHITE WALTER WALTER WALT | _ |
| NATEK W | The test pin did not fall from the contact assembly within 3 s | see appended Table 16 | P |
| 17 | OPERATION OF CONTACTS | | Р |
| | Contacts and pins of appliance couplers make connection with a sliding action | The function of | Р |
| MULL | Contacts of connectors/appliance outlets provide adequate contact pressure and do not deteriorate in normal use | White white whi | P |
| untitek an | Effectiveness of pressure between contacts and pins and earthing contacts and earthing pins does not depend upon the resiliency of the insulating material | MUNITER MULTER WALTER | MITER V |
| LIEN WILL | Test: Inspection and tests of Clause 16, 19, 20 and 21 | EK NITEK WHITEK WHITEK W | JE P |
| 18 | RESISTANCE TO HEATING OF APPLIANCE COUR CONDITIONS OR VERY HOT CONDITIONS | PLERS FOR HOT | N/A |
| 18.1 | General | m m m | N/A |
| | Appliance couplers as classified according to 7.1 shall withstand the heating to which they may be subjected | INCIER MILIER MILIER MILIER | N/A |
| ne wite | Connectors/plug connectors so constructed that the insulation of the conductors is not subjected to excessive heating | the military with which w | N/A |
| MALTER | The spring contacts of appliance outlets and connectors shall not be negatively affected by thermal relaxation due to excessive heating | White writer writer white | N/A |
| 18.2 | Heating test for connectors/plug connectors | 20, 20 | N/A |



Reference No.: WTX23D10218930Z001 Page 14 of 43

| | IEC 60320-1 | | |
|-----------|--|--|-------------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| MUTEK M | Connector/plug connector is inserted in a suitable appliance inlet/appliance outlet of an appropriate test apparatus for 96 h at a temperature of (°C) | WHITE WHITE WHITEK | NITER MITER |
| . et 1 | After this test: | a de la companya della companya della companya de la companya della companya dell | N/A |
| T 1/4 | - Plug connectors inserted and withdrawn from the appliance outlet 10 times | the white white was | N/A |
| MULT | - Connectors subjected to the test of Clause 16 | I LIER CLIER WILLE | N/A |
| | After this test the test sample show: | 24 24 | N/A |
| MULLI 1 | - no damage | SLIEB WITE SMITE | N/A |
| INLIEK NA | - no loosening of electrical or mechanical connections | THE THE STIFF O | N/A |
| | - no cracks | in the contraction | N/A |
| 18.3 | Heating test for appliance inlets/appliance outlets | | N/A |
| K NLIEK | Appliance inlets/appliance outlets kept in a heating cabinet for 96 h at a temperature of (°C): | TEX TEX LIES | MLTE - |
| JEK | - Appliance outlets subjected to the test of Clause 16 | which the text | N/A |
| 111 11 | After this test the test sample show: | Were Mer along a | N/A |
| STER ST | - no damage | at the | N/A |
| EF 75 | - no loosening of electrical or mechanical connections | a lun in | N/A |
| The same | - no cracks | e while while while | N/A |

| 19 | BREAKING CAPACITY | | Р |
|------------|--|---|------------------|
| MITEH. | Appliance couplers shall have adequate breaking capacity | THE STEEL MATER MATER | P- |
| | Compliance checked by testing | see appended Table 19 | Р |
| ire w | During the test: no flashover and any sustained arcing | ILER MULTER MULTER MULTER WIL | Pur |
| الله المال | After the test, the test sample show no damage | e- Tex Tex Tex Str | Р |
| 20 | NORMAL OPERATION | | Р |
| WALTER IN | Appliance couplers withstand without excessive wear or other harmful effect, the mechanical, electrical and thermal stresses occurring in normal use | JUNITER WHITER WHITE | nn P |
| | Compliance checked by testing | see appended Table 20 | P |
| - JE | After the test, the specimens withstand an electric strength test as specified in 15.3 with the test voltage reduced to 50 % of the value of Table 4 | see appended Table 15.3 (Dielectric strength - Repetition after Clause 19 + 20) | RAL |
| 10/2 | Test sample does not show any: | White white white white | ₹ ₀ P |
| All Later | - wear impairing its further use | at the set of | Р |



Reference No.: WTX23D10218930Z001 Page 15 of 43

| Clause | Demilianish L Tabl | Doordt Domasili | \/= ==! =! |
|--------------------------|--|---------------------------|-----------------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 70. | - deterioration of enclosures or barriers | mr. mr. m. m. | Р |
| INLIFE M | - damage to the entry holes for the pins | TEX TEX STEX WIFE | P |
| · · | - loosening of electrical or mechanical connections | Ve the the | Р |
| الماران الماران | - seepage of sealing compound | TEX LIFEX MITER MITER | N/A |
| + 1+ | The electrical safety is not impaired | 1/1, 2, 2, | Р |
| 21 | TEMPERATURE RISE | | Р |
| WALTER | Contacts and other current-carrying parts shall be so designed as to prevent excessive temperature rise due to the passage of current | WALTER WALTER WALTER | PER |
| ULLEK MV. | Compliance checked for connectors/appliance outlets and plug connectors by testing | see appended Table 21 | VINLIT P |
| TEX WALTE | After the test, the test samples withstand the test of clause 16 | et liet witet writer | IN THE P |
| 22 | CORDS AND THEIR CONNECTION | | Р |
| 22.1 | Cords for non-rewirable connector/plug connector | ors lift miter white wh | Р |
| MUTTEK M | Non-rewirable connectors/plug connectors are provided with cord complying with Table 9 or equivalent: | MITER WHITER WHITER WHITE | MALIE . |
| LIEK WIL | Type of cord complying with standard indicated in Table 9) | see appended Table 22.1 | W TEP W |
| ek water | Cords have a nominal cross-sectional area not less than that specified in Table 9 (mm²) | see appended Table 22.1 | NI EX P |
| CLIEN | Non-rewirable connectors/plug connectors with earthing contact are provided with a three-core cord | see appended Table 22.1 | P |
| NO N | Connections to the contacts in non-rewirable, non-reversible connectors/plug connectors: | MET MET THE THE | P |
| n a | - green/yellow core: to the earthing contact | rite with mit mit | Р |
| TEX SI | - brown core: to the line contact | at at let telt | P |
| 20 | - light blue core: to the neutral contact | in murry murry murry | Р |
| 22.2 | Cord anchorage | - let let liet in | CI PU |
| 22.2.1 | General At Att Market M | aur, aur, au, au | Р |
| WALTER W | Connectors/plug connectors are provided with a cord anchorage | MITER WHITER WHITER WHITE | UIN P |
| nlife ^{jk} juni | Cord anchorages of the "labyrinth" type: - withstand the relevant tests | TER DIFFE MALTER | N/A |
| 22.2.2 | Additional requirements for rewirable connectors connectors | and rewirable plug | N/A |
| | Additional requirements are: | 24 24 24 24 2 | N/A |
| Will. | - it is clear how to relief from strain and prevention of twisting is intended to be effected | NITER MILIER MILIER WAY | N/A |



Reference No.: WTX23D10218930Z001 Page 16 of 43

| | IEC 60320-1 | | |
|------------|--|--|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| TEX | - it is integral with or fixed to the connector/plug connector | WHITE MIN WITH WAR | N/A |
| m m | - makeshift methods is not used | Will Mury Mury Mury | N/A |
| LITER WILL | - cord anchorage is suitable for the different types of cord and its effectiveness does not depend upon the assembly | TEX MULTEX WHITEX | N/A |
| MULL | - cord anchorage is of insulating material or provided with insulating lining | white white white wh | N/A |
| MALTER | - it is not possible for the cord to touch the clamping screws, if accessible | WILLER MULTER MULTER WALL | N/A |
| TEX. | - its metal parts are insulated from earthing circuit | at the test test | N/A |
| 22.2.3 | Pull test for cable anchorage | ALTE WALL WALL WALL | N/A |
| JEK WALTE | Non rewirable connectors/plug connectors: - tested with the cord as delivered | see appended Table 22.2.3 | N/A |
| Y WALTER | Rewirable connectors/plug connectors: - tested first with one and then with the other type of cord, as specified in Table 10 | see appended Table 22.2.3 | N/A |
| CLITER S | During the tests: cord not damaged | LET THE LIFE NITE | N/A |
| (a) | After the test: | Mr. Mr. M. M. | N/A |
| NITER NAL | - cord not displaced by more than 2 mm | ALTER MITTER | N/A |
| | - rewirable connectors/plug connectors: ends of conductors have not moved noticeably in the terminals | The source of th | N/A |
| MITER | - non-rewirable connectors/plug connectors there was no break in the electrical connections | ifek sirek mirek mir | N/A |
| 22.3 | Flexing test | My My My | N/A |
| nuric m | Guards are of insulating material and are fixed in reliable manner | SLIER WHITE WHITE WHITE | N/A |
| ITER WALT | During the test: no interruption of the current and no short-circuit between conductors | see appended Table 22.3 | N/A |
| EK JIEK | After the test: | h get get get i | N/A |
| 20, | - test sample show no damage | mer, mer, mer, mer | N/A |
| NITE . | - guard, if any, not separated from the body | tet tet tet att | N/A |
| 70° 7 | - insulation of the cord show no sign of abrasion or wear | and any any | N/A |
| TEX MILE | - non-rewirable connectors/plug connectors: broken strands have not pierced the insulation as to become accessible | et tex itex writes | N/A |
| 23 | MECHANICAL STRENGTH | | Р |
| 23.1 | General | TER STER WITE WITE | Р |
| Alt . | Appliance couplers have adequate mechanical strength | THE THE THE | P |



Reference No.: WTX23D10218930Z001 Page 17 of 43

| -20, | IEC 60320-1 | in the same say, say | - " |
|-----------|--|--|------------|
| Clause | Requirement + Test | Result - Remark | Verdic |
| 23.2 | Free fall test | mer me me | Р |
| OLITET SI | Free fall test procedure 2 of IEC 60068-2-31 for conr | nectors and plug connectors | P |
| 30 | Number of falls: | 100 | Р |
| LIET WILL | After the test: | THE THE LITTER WITE S | Par |
| <i>L</i> | - test sample show no damage | 1 19 12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Р |
| WILL | - no part become detached or loosened | E LIER ALTER MALE MAY | Р |
| 23.3 | Lateral pull test for contacts | 711 72 | Per |
| Silver 1 | Lateral pull test for connectors with rating exceeding | 0,2 A and appliance outlets | JU P |
| d. | - rated current (A): | 2.5A | _ |
| Vice Me | - pull (N): | 6N | s |
| at de | After the test: | | P |
| 'un' | - connector/plug connector show no damage | THE WALL WALL WITH THE | Р |
| VINLIER. | - test sample comply with test of 16.3 | only for connectors see appended Table 23.3 | P |
| 23.4 | Impact test | | Р |
| | Impact test by means of vertical hammer or spring hammer according to IEC 60068-2-75 (12 blows at 0,5 J ± 0,05 J) are subjected to - all accessible surfaces covering live parts of appliance outlets - shrouds of appliance inlets for surface mounting | | ALL IN |
| - Chr. | - shrouds of plug connectors | All Table 00 A | de |
| 00.5 | After the test, the test sample show no damage | see appended Table 23.4 | P |
| 23.5 | Deformation test 2,5 A connectors class II equipment, standard sheet C7: Deformation test with blades according to Figure 9 of IEC 60320-3 at 70 °C ± 2 °C for 2 h | | N/A N/A |
| alt d | - blade A (10 N): | a at at at | _ |
| 20 | - blade B (5 N): | it the water water water was | _ |
| WALTER | Difference between thickness values measured at the point of impression before and after the test is not more than 0,2 mm | MALIER WALTER WALTER WALTER | N/A |
| 23.6 | Pull test for connectors/plug connectors with a s | eparate front part | N/A |
| 23.6.1 | General | M M Th | N/A |
| Vicin Mus | External parts of connectors/plug connectors with a separate front part are reliably fixed to one another | PLIES WILLES WILLIAM WILLIAM | N/A |
| 23.6.2 | Straight pull test | CEX LIEK NITER WITE OF | N/A |
| | Compliance checked by the following test: | Mr. In In | N/A |
| MULL | A pull force according to Table 13 is applied in direct pins/contacts for 60 s+5 /0 s | ion of the axes of the | N/A |
| 16 | - rated current (A): | 1 1 1 11 | N/A |



Reference No.: WTX23D10218930Z001 Page 18 of 43

| -20, | IEC 60320-1 | in with the the | 477 |
|-----------|---|---------------------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 24 | - straight pull (N): | me me me | N/A |
| 23.6.3 | Lateral pull test | LEK TEK LIEK NITER | N/A |
| gr | Compliance checked by the following test: | | N/A |
| LIFE WAL | A lateral pull force according to Table 13, in parallel wapplied to the cable of the connectors/plug connector 90° +/- 5° | | N/A |
| 21/2 | - rated current (A) | with with mir my | N/A |
| TEX | - lateral pull (N): | | N/A |
| 10, 1 | After the test: | WILL WILL MUT AND | N/A |
| CIEN C | - the two parts are not detached | at at let let | N/A |
| TEK TA | - parts providing protection against electric shock not loosened | it with the tit | N/A |
| - m | - live parts not become accessible | ER SULLE MULL MULL M | N/A |
| 24 | RESISTANCE TO HEAT AND AGEING | | Р |
| 24.1 | Resistance to heat | White whit whit whe | √NP |
| TEN. | Ball pressure test according to IEC 60695-10-2 | at let tet tet | Р |
| in a | After the test: diameter of impression ≤ 2 mm | see appended Table 24.1 | Р |
| 24.2 | Resistance to ageing | | P |
| 24.2.1 | General | 2 445 44 1 | Р |
| SEE WALTE | Appliance couplers of elastomeric material or thermoplastic material shall be sufficient resistant to ageing | MINITED WHITE WALTER WAY | P |
| 24.2.2 | Ageing test for elastomeric materials | CLIEB WITE WALL WALL | N/A |
| MALTEK ON | Appliance couplers of elastomeric material are kept for 240 h (10 days) in a heating cabinet at 70 °C \pm 2 °C | TEX WHITEK WAITER WHITEK | N/A |
| 24.2.3 | Ageing test for thermoplastic materials | et et set set stet | JE P |
| EK WITEK | Appliance couplers of thermoplastic material are kept for 168 h (7 days) in a heating cabinet at $80 ^{\circ}\text{C} \pm 2 ^{\circ}\text{C}$ | WAL WAS WIFEK WALES | P |
| 24.2.4 | Ageing test assessment | 7/10 7/11 1/10 7/10 | P |
| White of | After the tests, samples show: | ALTER MITER WALTER WALTER | un P |
| et. | - no crack visible | The state of | χP |
| in all | - no sticky or greasy material | LIET WILLE MILLE MILLE | Р |
| Et TE | - no trace of cloth (forefinger pressed with 5 N) | | P |
| 211 | - no damage | MULL MULL MULL MULL | Р |
| 25 | SCREWS, CURRENT-CARRYING PARTS AND CO | NNECTIONS | Р |
| 25.1 | General | "AUT, MET, ME AIL | Р |
| JEN . | Connections withstand mechanical stresses | at at let get | Р |



Reference No.: WTX23D10218930Z001 Page 19 of 43

| Clause Requirement + Test Result - Remark Verd | | | |
|--|--|----------------------------|--------|
| Clause | Requirement + Test | Result - Remark | Verdic |
| JEX. | Screws and nuts for connection of conductor: in engagement with a metal thread | Who was the less that | N/A |
| | Screws for mounting parts of appliance coupler are not of the thread-cutting type | with mit mit with | N/A |
| ili vini Ek nitek | Screws or nut for fixing the base of appliance inlet/appliance outlet on an appliance: any type is possible | TEX WHITE WHITE WHITE V | N/A |
| | Screws of insulating material: not used if they could impair insulation | | N/A |
| alex 1 | Threaded parts tightened and loosened: | white while while when | N/A |
| INLTEX ON | - one of threaded parts non-metallic material: 10 times | LIEK WIFEK MULTER | N/A |
| A S | - both parts of metallic material: 5 times | in a state of | N/A |
| in with | Threaded part torque test | see appended Table 25 | N/A |
| t TEX | During the test: | a state of | N/A |
| AL. | - not work loose | antiti watt wat wat | N/A |
| J. C. | - no damage | at the field | N/A |
| 25.2 | Electrical connections | write with any authority | Р |
| | Contact pressure is not transmitted via the insulating material other than ceramic, or pure mica unless there is sufficient resiliency in the metallic parts | | P |
| 25.3 | Securement connections | TE NITE INTERNA | Р |
| . NITER | Screws and rivets are locked against loosening or turning | THE THE STEEL WITH | N/A |
| TEX. | Connections between terminals and other parts do not work loose in normal use | AND AND AND AND | P |
| 25.4 | Metallic parts | rite mari mari mar | Р |
| | Current-carrying parts and earthing contacts: metal having adequate mechanical strength and resistance to corrosion | | P |
| Mrs | Parts subjected to mechanical wear are not made of steel with electroplated coating | White white white wh | Р |
| MUTTE A | Under moist conditions, metals having a great difference of electro-chemical potential are not used in contact with each other | WALTER WALTER WALTER WALTE | UN P |
| rei juri | Material used: | LIER WILL WALLE WALLE | y P |
| at a | - copper | | N/A |
| - in | - alloy with at least 58 % copper for cold worked parts or at least 50 % copper for other parts | MULLE MULL MULL M | Р |
| WILL | - stainless steel with at least 13 % chromium and not more than 0,09 % carbon | WHITE WHITE WHITE WHI | N/A |

W

Reference No.: WTX23D10218930Z001 Page 20 of 43

| IEC 60320-1 | | | | |
|--------------|--|--|-----------|--|
| Clause | Requirement + Test | Result - Remark | Verdict | |
| antiek vi | - steel with electroplated coating of zinc (ISO 2081); coating thickness at least 5 μm (ISO Service Condition No. 1); thickness [μm] | White will will will white | N/A | |
| LIEK WAL | - steel with electroplated coating of nickel and chromium (ISO 1456); coating thickness at least 20 μm (ISO Service Condition No. 2); thickness [μm] | LIEK WHITEK WHITEK WHITEK | N/A | |
| | - steel with electroplated coating of tin (ISO 2093); coating thickness at least 12 μm (ISO Service Condition No. 2); thickness [μm] | outiles multes multes and | N/A | |
| MILTE | Checked by inspection or by chemical analysis | TEX SITES OUTEN MITTE | nr P | |
| 26 | CLEARANCES, CREEPAGE DISTANCES AND SO | OLID INSULATION | Р | |
| 26.2 | Clearances | THE STILL WITE WATE | JAN P 3 | |
| 26.2.1 | Dimensioning | the state of the s | P | |
| in whi | Clearances: dimensioned to withstand the minimum rated impulse voltage of 2500 V | see appended Table 26 | Р | |
| 26.2.2 | Minimum values for clearances | FILE STEE STEE STEE | Р | |
| MUTER M | Clearances for basic, supplementary and functional insulation: not less than the value specified in Table 16 | see appended Table 26 | - PK | |
| ritek wri | Clearance for reinforced insulation: not less the value specified for basic insulation, using the next higher step for rated impulse withstand voltage in Table 16 | see appended Table 26 | TEL ST | |
| 26.3 | Creepage distances | E WILL MUE MUE ME | Р | |
| 26.3.1 | Dimensioning | | | |
| unities un | Creepage distances: dimensioned for the voltage, taking into account pollution degree 2 and the material group | see appended Table 26 | Р | |
| 26.3.2 | Minimum creepage distances | his the man | Р | |
| ek lek | Creepage distances for basic, supplementary and functional insulation: not less than the value specified in Table 17 | see appended Table 26 | r Pur | |
| WILLER | Creepage distances for reinforced insulation: not less than double than the values specified for basic insulation in Table 17 | see appended Table 26 | P | |
| 26.4 | Solid insulation | Mr. Mr. Mr. Mr. | Р | |
| UTLE MU | Solid insulation: capable of durably withstanding electrical and mechanical stresses | LIET WALTER WALTER WALTER. | n ACT P N | |
| TEK WYTE | Distance through accessible supplementary solid insulation: ≥ 0,8 mm: | see appended Table 26 | LIFE PAL | |
| t Set | Distance through accessible reinforced solid insulation: | | P | |
| 21/2 | - ≥ 0,8 mm for rated impulse voltage 1500 V | White Muri and and | N/A | |
| All The Land | - ≥ 1,5 mm for rated impulse voltage 2500 V | the state of | Р | |



Reference No.: WTX23D10218930Z001 Page 21 of 43

| | IEC 60320-1 | | |
|--------------------|---|--|------------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| 27 | RESISTANCE OF INSULATING MATERIAL TO HE | AT, FIRE AND TRACKING | Р |
| 27.1 | Resistance to heat and fire | THE THE THE RUTE | P |
| 27.1.1 | General 11th 11th 11th 11th 11th 11th 11th 11t | Very August Augu | Р |
| er ler | Parts made of insulating material of accessories with a rated current exceeding 0,2 A subjected to glowwire test according to IEC 60695-2-11 | see appended Table 27.1 | un Li Pun' |
| 27.2 | Resistance to tracking | WILL MULL MULL ML | N/A |
| MALTER | Insulating parts supporting, or in contact with, live parts of appliance couplers for hot and very hot conditions, are of material resistant to tracking with a minimum PTI of 175 V (according to Annex A) | see appended Table 27.2 | N/A |
| 28 | RESISTANCE TO RUSTING | RESISTANCE TO RUSTING | |
| itek wait Katek | No sign of rust on ferrous parts after 10 min in 10 % solution of ammonium chloride, 10 min in box with air saturated with moisture and 10 min at 100 °C ± 2 °C | ek whitek whitek whitek w | N TE PAI |
| 29 | ELECTROMAGNETIC COMPATIBILITY (EMC) REC | QUIREMENTS | N/A |
| 29.1 | Immunity - Accessories not incorporating electronic components | | N/A |
| NITEK WIL | These accessories are not sensitive to normal electromagnetic disturbances and therefore no immunity tests are required | THE WALLET | N/A |
| 29.2 | Emission - Accessories not incorporating electronic components | | N/A |
| t unit | These accessories do not generate electromagnetic disturbances; consequently, no emission tests are necessary | MULTER WHITE WHITE W | N/A |



Reference No.: WTX23D10218930Z001 Page 22 of 43

| Victor Marie | Auri Aur Aug an | IEC 60320-1 | LIET WITE WHITE WHI | in Marie Auti |
|--------------|--------------------|--------------|---------------------|---------------|
| Clause | Requirement + Test | AUTS MILL IN | Result - Remark | Verdict |

| | ANNEX E | | N/A |
|-----------|--|-----------------------------------|-----|
| | Additional test and requirements for appliance cou ambient temperatures above +35 °C up to and incl | | N/A |
| E.1 | General | TER OLITER WALL WHILE WE | N/A |
| EK MUTIEK | Appliance couplers according to this Annex E are suitable for ambient temperatures above +35 °C up to and including +90 °C | Whitek whitek whitek white | N/A |
| E.2 | General requirements on tests | THE THE LITTLE MATTER | N/A |
| E.2.1 | General | ing in in in | N/A |
| NLTER WA | Corresponding counterparts have. | TEX STEX SLIER OUTER | N/A |
| | - identical ratings (as per Clause 6) | i m n n | N/A |
| TE. MALTE | - identical classification (as per Clause 7) | et itel alter wife on | N/A |
| E.3 | Markings | 711 111 111 | N/A |
| MULLER ON | Appliance couplers, except standardized appliance inlet, in compliance with this Annex E shall be marked with tavalue as defined in Clause E.4 if the value of ta is +40 °C or higher [°C] | Marking: t _a °C | N/A |
| E.4 | Determination of t _a and the rated and derated current in relation to the ambient temperature | the street street st | N/A |
| E.4.1 | Determination of the maximum ambient temperature (t _a) for operation of the accessory at the rated current | Measured t _a | N/A |
| E.4.2 | Determination of the derated operating currents for ambient temperatures | see appended Table E.4.2 | N/A |
| E.5 | Test to evaluate the long-term behaviour of the ap temperatures above 35 °C up to and including +90 | pliance couplers in ambient °C | N/A |
| E.5.1 | Resistance to heat | is my my my | N/A |
| TER WALT | Appliance couplers shall be sufficient resistant to heat | EX WILLEY WHITE WATER WA | N/A |
| THE THEFT | Ball pressure test according to IEC 60695-10-2 at 125 | °C | N/A |
| 10, | After the test: diameter of impression ≤ 2 mm | see appended Table E.5.1 | N/A |
| E.5.2 | Resistance to ageing | the the title still | N/A |
| E.5.2.1 | General Little Mills | ner me m | N/A |
| NITE WAS | Appliance couplers shall be sufficient resistant to ageing | LIER WALTER WALTER WALTER | N/A |
| E.5.2.2 | Ageing test for connectors/appliance outlets | | N/A |
| - Wilek | Connectors/appliance outlets are kept for 336 h (14 days) in a heating cabinet at 100 °C ± 2 °C The connectors/appliance outlets are in engagement | TEX TEX TEX STE | N/A |
| | with a corresponding appliance inlet/plug connector | mer me me m | |
| E.5.2.3 | Ageing test for appliance inlets/plug connectors | TEN TEN LITER NITTE | N/A |



Reference No.: WTX23D10218930Z001 Page 23 of 43

| Clause | Requirement + Test | Result - Remark | Verdic |
|------------|---|----------------------------|--------|
| Clause | Requirement + Test | Result - Remark | verdic |
| CLEA | Appliance inlets/plug connectors are kept for 336 h (14 days) in a heating cabinet at 100 $^{\circ}$ C \pm 2 $^{\circ}$ C | and any any any | N/A |
| E.5.2.4 | Ageing test assessment | WELL MUE MUE MUE | N/A |
| itek wat | After the tests of E.5.2.2 and E.5.2.3 the specimens are taken out of the cabinet and kept at room temperature in a relative humidity between 45 % and 55 % for at least 96 h | TEX WRITER WRITER OF | N/A |
| 20, | After the tests, samples show: | mer mer me m | N/A |
| NLTER. | - no crack visible | set set see see | N/A |
| 4, | - no sticky or greasy material | MUT THE ME AND THE | N/A |
| المرتزونية | - no trace of cloth (forefinger pressed with 5 N) | TEL TEL STEE STEE | N/A |
| | - no damage | in the the | N/A |
| ire whitek | Then an appliance inlet/plug connector with the same rated current as the connector/appliance outlet is fully inserted and withdrawn 3 times, any lid is opened and closed each time | AND TEEL WHITE WHITE ON | N/A |
| at- | After the tests, samples show: | M. M. M. T. | N/A |
| White T | - no damage | LITER OLITER SPLITE WALTER | N/A |
| E.5.3 | Resistance to tracking | | |
| EX WALLE | Insulating parts supporting, or in contact with, live parts of appliance couplers for use in ambient temperatures above +35 °C up to and including+90 °C, are of material resistant to tracking, with a minimum PTI of 175 V (according to Annex A) | see appended Table E.5.3 | N/A |
| E.6 | Cords and their connection | THE LITER WITE WITE | N/A |
| , t | For standardized appliance couplers: | Mr. Mr. And Andrews | N/A |
| Write M | Type of cord: | THE WILL WILL WILL | N/A |
| ITEN ANIT | - according to the requirements of Table 9 and Table 10 | Et TEX STEX SUTEX | N/A |
| EK JIEK | - but shall be of rubber or an equivalent elastomeric type | We the the | N/A |
| The Lett | - rated for a maximum conductor insulation temperature of +90 °C | Must Aug Mig And | N/A |
| 21/25 2 | For non-standardized appliance couplers: | WILL MILL MULL MULL | N/A |
| TEX | Type of cord: | at at at at | N/A |
| Ex C | - shall be of PVC, rubber or an equivalent elastomeric type | The water was a | N/A |
| N. W.F. | - rated for a maximum conductor insulation temperature of +90 °C | White white white we | N/A |



Reference No.: WTX23D10218930Z001 Page 24 of 43

| N. C. Maria | My My My M | IEC 60320-1 | LIER WIFE WHITE WA | right August |
|-------------|--------------------|-------------|--------------------|--------------|
| Clause | Requirement + Test | Mur. M. M. | Result - Remark | Verdict |

| 15.2 | TABLE: Insulation resistance | | | ot OP |
|------------------------|---|------------------------|---------------------------|------------------|
| Insu | nsulation resistance tested | | Required [MΩ] | Measured [MΩ] |
| a) | for appliance inlets with a connector in engagement, between the current-carrying contacts connected together and the body | R | ≥7 | WAL WA |
| b) 🦠 | for appliance inlets with a connector in engagement, between each pin in turn and the others connected together | unti F unt | ≥ 2 | 74 764 12 74 |
| c) (S | for appliance outlets with a plug connector in engagement, between the current-carrying contacts connected together and the body | R | we≥7 we | t Tek |
| d) | for appliance outlets without a plug connector in engagement, between the current carrying contacts connected together and the body | R | 10 ≥ 7.00° 1554 - 1554 | WEEK IN |
| e) | for appliance outlets with a plug connector in engagement, between each pin in turn and the others connected together | mF m | ≥2 | 18t (18) |
| f) 🧬 | for connectors, between the current-carrying contacts connected together and the body | nite R _{onti} | ≥7 | >100 MΩ |
| g) | for connectors, between each contact in turn and the others connected together | TEK FITER | ≥ 2 | >100 MΩ |
| h) | for plug connectors, between the current-carrying contacts connected together and the body | R | ≥ 7 | White W |
| i) | for plug connectors, between each contact in turn and the others connected together. | F | ≥2 | MLTEY- |
| Addit | ional test for rewirable connectors and plug connectors: | mr. mr | 20, | |
| j) Sin | for rewirable connectors, between any metal part of the cord anchorage, including clamping screws, and the earthing contact or earthing terminal | NITE B NATE | ≥ 2 | TER WILLE |
| k) | for rewirable connectors, between any metal part of the cord anchorage, excluding clamping screws, and a metal rod, of the maximum diameter of the cord as specified in Table 2, inserted in its place | EK BITEL | unti≥2 _{nnti} | WUTER ON |
| I)_ -\ ¹ | for rewirable plug connectors, between any metal part of the cord anchorage, including clamping screws, and the earthing contact or earthing terminal | B | ≥2 White | LIFEK WALTE |
| m) | for rewirable plug connectors, between any metal part of the cord anchorage, excluding clamping screws, and a metal rod, of the maximum diameter of the cord as specified in Table 2, inserted in its place | TIPL B | ≥ 2 | EK TEK |



Reference No.: WTX23D10218930Z001 Page 25 of 43

| Viet men | All the All the | IEC 60320-1 | MITER WALLER WALLER WA | - ani |
|----------|--------------------|-------------|------------------------|---------|
| Clause | Requirement + Test | Mur, M. M. | Result - Remark | Verdict |

| 15.3 | TABLE: Dielectric strength | | | P |
|------------------|---|--------------------|------------------------|--------------------------------------|
| Insu | ation or disconnection tested | Type of insulation | Test voltage [V] | Flashover / breakdown (Yes/No) |
| a) | for appliance inlets with a connector in engagement, between the current-carrying contacts connected together and the body | W R W | 3000 | Whitek |
| b) | for appliance inlets with a connector in engagement, between each pin in turn and the others connected together | F | 1500 | SIEK -TEK |
| c) | for appliance outlets with a plug connector in engagement, between the current-carrying contacts connected together and the body | R | 3000 | grantifek gur |
| d) | for appliance outlets without a plug connector in engagement, between the current carrying contacts connected together and the body | R | 3000 | WALTER WALT |
| e) | for appliance outlets with a plug connector in engagement, between each pin in turn and the others connected together | TEF ST | 1500 | NITEK - UNLIEK |
| f) | for connectors, between the current-carrying contacts connected together and the body | R | 3000 | No |
| g) | for connectors, between each contact in turn and the others connected together | F | 1500 | No |
| h) | for plug connectors, between the current-carrying contacts connected together and the body | R | 3000 | Mr M |
| i) | for plug connectors, between each contact in turn and the others connected together. | MIT WILL | 1500 | onlie anti |
| Addit | ional test for rewirable connectors and plug connectors: | * * | All the | TEK TEK |
| j) ^{wh} | for rewirable connectors, between any metal part of the cord anchorage, including clamping screws, and the earthing contact or earthing terminal | BINCE BINCE | 1500 | et mitet |
| k) | for rewirable connectors, between any metal part of the cord anchorage, excluding clamping screws, and a metal rod, of the maximum diameter of the cord as specified in Table 2, inserted in its place | B | 1500 | united unit |
| l) | for rewirable plug connectors, between any metal part of the cord anchorage, including clamping screws, and the earthing contact or earthing terminal | INCIT'S BUILT | 1500 | USE TER |
| m) | for rewirable plug connectors, between any metal part of the cord anchorage, excluding clamping screws, and a metal rod, of the maximum diameter of the cord as specified in Table 2, inserted in its place | STEP BUTE | 1500 | A MITTER MY |

Type of insulation: **F** (Functional); **B** (Basic); **S** (Supplementary); **R** (Reinforced)



Reference No.: WTX23D10218930Z001 Page 26 of 43

| THE WATER | Mary Mer And Mr. | IEC 60320-1 | EL NIEL WALLE | MULL MULL |
|-----------|--------------------|-------------|-----------------|-----------|
| Clause | Requirement + Test | Wir Mr 10 | Result - Remark | Verdict |

| 16 | TABLE: Force necessary to withdraw the connector / appliance outlet | | | Р |
|------------|---|---------------------------------------|---|-------------------|
| 111 211 | Type of connector / appliance outlet [A] | | Non-rewirable connectors/plug | _ |
| LIEK WALTE | ~ | | Dimensions for non- standardized | _ |
| 16.2 | Verification of the maximum withdrawal force | | and the set of | Р |
| Sample N° | Maximum withdrawal force (multi-pin gauge) [N] | | nector / appliance outlet did not n in the appliance inlet / plug connector (Y/N) | WILLIE CONTRACTOR |
| 2, - | 50 | Tr. Mr. W. 11 M. M. | | Р |
| NETE - MET | 50 | A A A A A A A A A A A A A A A A A A A | | P |
| + | 50 | A A A | | P |
| 16.3 | Verification of the minimum withdrawal f | force | et tet still with an | P |
| Sample N° | Minimum withdrawal force (single-pin gauge) [N] | | e pin gauge did not fall from the ct assembly within 3 s (Y/N) | . Inti |
| | 1.5 (et 17th 17th | MULL | The AL OF THE | Р |
| WITE WI | 1.5 | -C+ | Tet Yet after after | P |
| · - · | 1.5 | Marie 1 | The All All | Р |

| 19 | TABLE: Breaking capacity | | | | | P |
|-------------|--------------------------|--------------------------|----------|-----------------------|-------------------|-----|
| . 3 | Rated current [A] | | : | 2.5A | 115 211 24 | _ |
| - INTER | Rated voltage [V]: | | 250V | | _ | |
| Sample N° | Test voltage [V] | Test current [A] | | wer factor [cos Φ] | Number of strokes | |
| in 2. | Test con | ditions for connectors a | nd appli | ance outlets > | 0,2 A | 4 |
| LIER - NIFE | 275 | 3.125 | · /+ | 0.6 | 100 | I P |
| | 275 | 3.125 | Marie al | 0.6 | 100 | Р |
| A | 275 | 3.125 | | 0.6 | 100 | Р |



Reference No.: WTX23D10218930Z001 Page 27 of 43

| N. Much | My My My M | IEC 60320-1 | SEE MITTER WALTER WAL | it was was |
|---------|--------------------|-------------|-----------------------|------------|
| Clause | Requirement + Test | Mr. M. M. | Result - Remark | Verdict |

| 20 | TABLE: Normal op | peration | | at let let | Р |
|---------------|---------------------|--------------------------|-------------------------|-------------------|-------|
| m. m | Rated current [A] | | 2.5A | any any | _ |
| UER SUE | Rated voltage [V] | | 250V | TEK STEK | _ |
| Sample N° | Test voltage [V] | Test current [A] | Power factor [cos Φ] | Number of strokes | |
| 71/2. | 14 24 | Test conditions for | 0,2 A connectors | WILL AND AND | 71/1 |
| Jak . | JEE MITE WITT | Muri Aur m | | 4000 | |
| 1/1 - 1/1 | | LEK TEK SLIFE | White white whi | 4000 | 200 |
| LIFE NI | Se until while a | No. Mo. | 1 A 10 | 4000 | NOTE: |
| h. 20. | Test cond | ditions for connectors a | and appliance outlets > | 0,2 A | |
| JER TOTE | 250 | 2.5 | 0.6 | 2000 | P |
| | 7t 1t | y ciek nitek ni | mi mi | 6000 | Р |
| NATE OF | 250 | 2.5 | 0.6 | 2000 | Р |
| 7 | d 75 50 | LITER WILL | Mur - in M | 6000 | Р |
| مالا - المالي | 250 | 2.5 | 0.6 | 2000 | SIL P |
| | | The The Marie | The sales sales | 6000 | Р |



Reference No.: WTX23D10218930Z001 Page 28 of 43

| THE WATER | Mary Mer And Mr. | IEC 60320-1 | EL NIEL WALLE | MULL MULL |
|-----------|--------------------|-------------|-----------------|-----------|
| Clause | Requirement + Test | Wir Mr. 10 | Result - Remark | Verdict |

| Insul | ation or disconnection tested | Type of insulation | Test voltage [V] | Flashover breakdown (Yes/No) |
|---------|--|--------------------|------------------------|------------------------------|
| c) | for appliance outlets with a plug connector in engagement, between the current-carrying contacts connected together and the body | unit R unit | 1500 | nie mi |
| d) (**) | for appliance outlets without a plug connector in engagement, between the current carrying contacts connected together and the body | R | 1500 | 3 - TEH |
| e) | for appliance outlets with a plug connector in engagement, between each pin in turn and the others connected together | "(F | 750 | 2112 211 |
| f) | for connectors, between the current-carrying contacts connected together and the body | R | 1500 | No |
| g) | for connectors, between each contact in turn and the others connected together | NITE TO | 750 | No |
| Additi | onal test for rewirable connectors and plug connectors: | it it | JEK J | IEK NITEK |
| j) | for rewirable connectors, between any metal part of the cord anchorage, including clamping screws, and the earthing contact or earthing terminal | В | 750 | t white wh |
| k) | for rewirable connectors, between any metal part of the cord anchorage, excluding clamping screws, and a metal rod, of the maximum diameter of the cord as specified in Table 2, inserted in its place | B mir uni | 750 | MITEX-WITE |



Reference No.: WTX23D10218930Z001 Page 29 of 43

| Viet men | All the All the | IEC 60320-1 | MITER WALLER WALLER WA | - ani |
|----------|--------------------|-------------|------------------------|---------|
| Clause | Requirement + Test | Mur, M. M. | Result - Remark | Verdict |

| 21 | TABLE: Temperatur | e rise | | CH CEH CEH | Р | | |
|------------------|--|---|---|-----------------------|-------------------|--|--|
| The Ch | Non-rewirable connectas delivered | Non-rewirable connectors/plug connectors are fitted with cords as delivered Non-rewirable | | | | | |
| T WE | Rewirable connectors/plug connectors are fitted with cords according to Table 9 and a cross sectional according to Table 8 | | | | | | |
| in the | Appliance outlet are f | itted with conductor | rs according to Table 8 | STEE WILLIAMS | _ | | |
| NETTER AN | Torque applied on cla Table 13) [N m] | | ord anchorage (2/3 of | TEX TEX SITE | _ | | |
| Sample N° | Test circuit (L-N) | Test current [A] | allowed dT [K] | measured dT [K] | P | | |
| L - 211 | L-N | 1.25*2.5 | 45 | 10.4 | Р | | |
| SER - STER | L-N | 1.25*2.5 | 45 | 6.7 | Р | | |
| -70, | 1 -t 10 | TEN - TEN | Wille Mrill Mari | an an an | | | |
| NETER N | NITE WALL WALL | 11/2 74 | A St. At. | TER STEE WITE | 11-11 | | |
| Sample N° | Test circuit (L-PE) | Test current [A] | allowed dT [K] | measured dT [K] | N/A | | |
| cu an | | at the si | ier wie mit we | i mr - mr | z _{n.} – | | |
| UTEN CUTE | 100 TOE 1 | 1 - 2 | | TEX- TEX | JEX | | |
| _z, ` | | 4 TE - NLTE | 121 - 3 | ing -ing in | | | |
| EK TIEF | m | | | The Till of | 10. | | |
| Supplement | ary information: | TEX MITE. | untite when when | The The The | ~ | | |
| 16, 17 | TABLE: Force nece | | the connector/appliar | ice outlet - | P | | |
| JEH ST | Type of connector / | appliance outlet / | rated current: | 2.5A | | | |
| 310 211 | Standard sheet: | | | 111 - 111 | | | |
| 16.2 | Verification of the m | naximum withdraw | val force | TER STER OF | Pat | | |
| Sample N° | Maximum wit (multi-pin | hdrawal force gauge) [N] | The connector / ap not remain in the ap connect | ppliance inlet / plug | | | |
| ₹ S k | (th. 11 11 5 | Our 24 2 | Y | A A A | Р | | |
| 4115 - 411. | 5 | 0 1 50 5 | CE CLIER WITH MY | MULL MULL | Р | | |
| JEH - JI | 5 | 0, 24, 24 | Y | t the text | √°P | | |
| 16.3 | Verification of the m | ninimum withdraw | al force | Mur Mur M | Р | | |
| Sample N° | Minimum witl (single-pin | hdrawal force gauge) [N] | The single pin gaug | | | | |
| - 34 | LIER SLIER WITE | .5 we was | Y | | P | | |
| 111 11 | 1. | .5 | of the market of | KLT WILL WELL | ZII.b | | |
| | 13L 2X 2 | .5 | Y | | - 4 | | |



Reference No.: WTX23D10218930Z001 Page 30 of 43

| W. Shirt | All All IE | EC 60320-1 | Mur Mur |
|----------|--------------------|-----------------|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |

Supplementary information:

| 22.1 TABLE: List | | ords connecte | ed to non-rewirable co | nnectors/plug | connectors | N/A |
|------------------|------------------|---|-----------------------------------|-----------------|----------------------------------|---------------|
| | Type of cord | Nominal cross- sectional area [mm²] | Manufacturer / Marking on cord | Approval No. | Type of approval (HAR or others) | Date of issue |
| - | EK LIEK-ALIEK MI | it will al | 12 24 - 24 | - x | , # . K | er - jer |
| 71 | 211 211 211 | | ie de de . | JE 11 | 160 - 100 | 21/2 |

| 22.2.3 | TABLE: Pull test for ca | ble anchoraç | je " |) | L 04 | N/A |
|--------------------------------|--|---|---|---|--------------------------------------|-----------|
| e une | Torque applied on clamp anchorage (2/3 of Table (only for rewirable constr | 13) [N m] | N m] | | er white mitter and an | |
| Sample N° | Type of cord | Nominal cross- sectional area [mm²] | cross- sectional (100 times) area [N] | Torque (1 min) [N m] | Displace- ment of cord [mm] | MILIER S |
| in The | V Y A Y J A | ل - ایر∖ | Eth Later | The suntil | 11/2 1 | -10 |
| CEL -CEL | | (- ra) | - C | | , (24) | 5EX - 15E |
| Supplement | ary information: | JEK JUE | CLIEF SINLY | MULL WALL | alex ale | 1,, |
| Connectors + Plug connector | | Cords: | ≤ 0,5 mm² 2x 0,75 mm all others | → 0,1 Nm (oth → 0,15 Nm → 0,25 Nm | er than flat tins | el cords) |



Reference No.: WTX23D10218930Z001 Page 31 of 43

| Victor Muri | Mur. Mur. Mur. on | IEC 60320-1 | LIES WALTER WALTER WALTE | Mury Mury |
|-------------|--------------------|-------------|--------------------------|-----------|
| Clause | Requirement + Test | MUT, MI M. | Result - Remark | Verdict |

| 22.3 | TABLE: Flexing test | | | | | | N/A |
|-----------|---|---|---------------------|-----|-------------|--------------------|----------|
| ur urit | Before the test: Ageing for rewirable connectors/plug connectors according to 24.2.2 (70 °C ±2 °C / 240 h) or 24.2.3 (80 °C ± 2 °C / 168 h) | | | | | 80℃/168h | |
| Sample N° | Type of cord | Nominal cross- sectional area [mm²] | Test current [A] | F | orce [N] | Number of flexings | EK WILL |
| 4, - 4, | 1 N - N 6 | t alle | nite - mit | MUL | - mr | 14 - 24 | -2, - |
| 200 | Constitution of the same | 2/1, | | 20 | | 1th - 1th | J. J. C. |

| 23.3 | TABLE: Lateral pull test | | Р | | | |
|-----------|---|-----|-------|--|--|--|
| LIER | After the test: comply with 16.3 | | | | | |
| 16.3 | Verification of the minimum withdrawal force | | | | | |
| Sample N° | Minimum withdrawal force (single-pin gauge) [N] The single pin gauge did not fall from the contact assembly within 3 s (Y/N) | | MALTE | | | |
| | 1.5 | V / | P | | | |

| 23.4 | 23.4 TABLE: Impact resistance | | P | |
|----------------|-------------------------------|--|-------------------|-------|
| Surface tested | | Impacts per surface | Impact energy [J] | |
| Shroud (4 | places) | 3x | 0,5 | P |
| Suppleme | ntary information | on: The sure of th | or the set set | - (4) |

| 24.1 | TABLE: Resistance to heat – Ball pressure test | | | | Р | | |
|----------------------|--|----------------------------------|--------|-----------------------|--------------------------------|-------|--|
| The Williams | Allowe | Allowed impression diameter [mm] | | : max | max. 2 mm | | |
| Part und | er test | Material designation | Colour | Test temperature [°C] | Impression diameter [mm] | | |
| Inlet live s part | upport | SABIC JAPAN L L C | Black | 125 | 1.2 | MA P | |
| Connector support pa | | SABIC JAPAN L L C | Black | 125 | 1.1 Little | nti P | |
| | ے ۔ | est test alife in | a and | 11/2 -11/2 | 20, 70 | | |



Reference No.: WTX23D10218930Z001 Page 32 of 43

| Victor Muri | Mur. Mur. Mur. on | IEC 60320-1 | LIES WALTER WALTER WALTE | Mury Mury |
|-------------|--------------------|-------------|--------------------------|-----------|
| Clause | Requirement + Test | MUT, MI M. | Result - Remark | Verdict |

| 25 | · (1) - (1) - (1) | TABLE: Screws, current-currying parts and connections - Threaded part torque test | | | | | |
|---------|-------------------------------|---|-------------------------------|----------------------------|-------------------------------|------|--|
| | hreaded part dentification | Diameter of thread [mm) | Column number (I or II) | Applied torque [N m] | Number of operations (5 / 10) | | |
| - White | Mur. Mur. | 10. 20. | - 18th 18 | - 118 1 111 | NICE WILL | 74/1 | |
| | it it | CENT LIE SLIFE | Mrs Mrs. | 1112 - 12 | | , | |

| 26 | TABLE: Clearance, creepage distance and solid insulation | | | | |
|---------|--|-------------------------|-----------|--|--|
| . L | Requirements clearance, creepage distance met | No. My My My | , <u></u> | | |
| Life of | Rated voltage [V]: | AC 250 | _ | | |
| L. | Overvoltage category: | 711 11 1 | _ | | |
| MALI | Rated impulse voltage [V]: | 2500 | _ | | |
| 4 | Pollution degree: | 2 | _ | | |
| MULL | Material group: | White White white white | _ | | |

Table 26.2 + 26.3 Clearances and creepage distances

| True of insulation | 26.2 Cleara | nce CI [mm] | 26.3 Creepage distance Cd [mm] | | |
|--|-----------------|-------------------|--------------------------------|-------------|--|
| Type of insulation | Required | Measured | Required | Measured | |
| Functional insulation Between L + N contacts | et unit | >5.0 | 2.5 | >5.0 | |
| Basic insulation L-N- Contact Earthing contact | 1.5, 17 | 3.0 | 2.5 | 3.0 | |
| Supplementary insulation L-N-Contact Accessible surface (unearthed) | nite 1.50 let w | LIEK WILLER WILLY | 1.8 | ant unit of | |
| Reinforced insulation L-N-Contact Accessible surface (unearthed) | 3.0 mi | >5.0 | 5.0 | >5.0 | |

Table 26.4 Solid insulation

| | 26.4 Solid reinf | orced insulation [mm] | The state of |
|--|------------------|-----------------------|---------------------------|
| Type of insulation | Required | Measured | alient unlie wall wall we |
| L-N-Contact Accessible surface (unearthed) | 0.8 | 1.1 | |
| Supplementary information: | TEK WITE WI | is were more my | 70 A |



Reference No.: WTX23D10218930Z001 Page 33 of 43

| Victor Muri | Mur. Mur. Mur. on | IEC 60320-1 | LIES WALTER WALTER WALTE | Mury Mury |
|-------------|--------------------|-------------|--------------------------|-----------|
| Clause | Requirement + Test | MUT, MI M. | Result - Remark | Verdict |

| 27.1 TABL | E: Resistance to heat ar | nd fire - Glow- | wire test | | | Р |
|-------------------------|--------------------------|-----------------------------|---|---------------------------------------|--|------------|
| Part under test | Material designation | Test temperature [°C] | Visible flame and sustained glowing (Y/N) | Flame and glowing extinction time [s] | Ignition of the tissue paper (Y/N) | |
| Inlet live support part | SABIC JAPAN L L C | 750 | UNLIE NWALTE | and an | N | Р |
| Inlet Body | SABIC JAPAN L L C | 650 | ALL NORTH | JU 0 JU | N | P |
| Connector live part | SABIC JAPAN L L C | 750 | N | 0 | N | Р |
| Connector Body | SABIC JAPAN L L C | 650 | · N | JEN OUTE | N | West P 1/4 |
| Supplementary info | rmation: | Mir au | 21, 21, | | | et . |

| 27.2 | TABLE | : Resistance to tracking | NITE WALL | Mer | 2112 211 | 30 4 | _ P |
|----------|----------------|--------------------------|------------------------|-----|---------------------------------|-------------------|---------|
| MILL | Numbe | er of drops | | : | 50 (5x) | WILL MILL | WILL |
| Part und | er test | Material designation | Test voltage [V] | bre | ashover / eakdown Yes/No) | Material group | |
| Insert | 5 ⁴ | - 125 70 | 175 | | No | et -let | STEET S |
| Moulding | material | - | 175 | , | No | 10, 1 | - 22 |

Supplementary information:

Material group I 600 ≤ CTI

Material group II $400 \le CTI < 600$ Material group IIIa $175 \le CTI < 400$ Material group IIIb $100 \le CTI < 175$



Reference No.: WTX23D10218930Z001 Page 34 of 43

| THE WATER | Mary Mer And Mr. | IEC 60320-1 | EL NIEL WALLE | MULL MULL |
|-----------|--------------------|-------------|-----------------|-----------|
| Clause | Requirement + Test | Wir Mr. 10 | Result - Remark | Verdict |

| E.4.2 | | E: Determination of the de ratures above ta | rated operat | ing curren | ts for ambie | nt- | N/A |
|---------------------|--------|---|-------------------|------------|---|-----------------|--------|
| d s | + - | current [A] | | .: 21 | 2112 211 | L St | _ |
| | | Temperature at terminals [°C] | | e measure | d at heating ent t _a [°C] | Rated cu | urrent |
| MULL | Mer | 90 | L LET | State N | TEX WITE | MULLE MULL | ale |
| Tempera terminal | | Temperature of heating cabinet t _a + steps of 5 °C | | e measure | d at heating ent t _a [°C] | Measured [A] | |
| | J. | et the the | | Sample-No | | , , , , , | .+ |
| MITE WA | in any | m. m. | 1 | 2 | 3 | EF JOILE - | inin. |
| 90 | + 16 | t _a + 5°C | WrWr. | Mr. | n a | - Jr | et. |
| 90 | 21/2 | t _a + 10°C | A - A | SEE . | LIER - NITE | N. 17 1. 1.14 | ال |
| 90 | TEN | t _a + 15°C | 7/2 | 1/1 - 1/1 | | A 76 | + 4 |
| 90 | apr. | t _a + 20°C | - 3 64 | JE - 01 | 11-17° | WILL WILL | 20,0 |
| 90 | JEH . | t _a + 30°C | 1/15 1 | | 74 | et et | CEN |
| 90 | -24 | t _a + 35°C | - U (1/2) | EF WITE | white wh | in - | 21/2 |
| 90 | | t _a + 45°C | 2 | | 2 - /3 | t get | JEK |
| 90 | N. Y | t _a + 50°C | 11 Et 11 E | | - July | 11/2 1/1 | , |
| 90 | | t _a + 55°C | | <u></u> | 1 | JEE J | EF IC |
| 90 | | t _a + 60°C | ET JEE | weil - we | 700 | 21/2 21/2 | 4, |



| Reference | No.: WTX23D10218930Z001 | Page 35 of 43 | |
|-----------|-------------------------|-----------------|-----------------|
| TE WALL | mer mer mer me | IEC 60320-1 | iff while while |
| Clause | Requirement + Test | Result - Remark | Verdict |

| object/part No. | E: list of critical com manufacturer/ | type/model | technical data | standard | Mark |
|----------------------------------|--|------------|------------------------------------|-------------|---------------------------------|
| JER JE | trademark | College . | | at the | 160 160 |
| Enclosure for Appliance inlet | SABIC JAPAN L L C | 945(GG) | V-1,105°C, Min. thickness 2.0mm | UL94,UL746 | Tested with appliance UL 207780 |
| Plug lateral contacts | Dongguan Yuci Hardware Electron Co.,Ltd. | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |
| alternative | FOSHANG GUANGLONG copper and metal manufacture CO.,Ltd | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |
| alternative | Yuyao Yonghai Hardware product Co.,Ltd | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |
| Enclosure for Connector | SABIC JAPAN L L C | 945(GG) | V-1,105°C, Min. thickness 2.0mm | UL94,UL746 | Tested with appliance UL 207780 |
| Contact for Connector | FOSHANG GUANGLONG copper and metal manufacture CO.,Ltd | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |
| alternative | Dongguan Yuci Hardware Electron Co.,Ltd. | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |
| alternative | Yuyao Yonghai Hardware product Co.,Ltd | H65 | Cu>85% | IEC 60320-1 | Tested with appliance |



Reference No.: WTX23D10218930Z001 Page 36 of 43

| - 211 | AS/NZS 60320.1 | The transfer of the state of th | 1. 2n |
|-------------------------|---|--|-------------------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| AS/NZS 6 | 0320.1:2012 | EL WILL MILL AND ME | n. |
| APPENDIX NEW ZEA | X ZZ - VARIATIONS TO IEC 60320-1, Ed.2.1 (2007) F LAND | OR APPLICATION IN AUSTRAL | IA AND |
| 16.1 | In the first dash point, add the following to the first li | ne after '16.2': | 16th |
| r. Mr. | or by the test of 16.201 | ALTER MALL WALL WALL | 11/2 11 |
| 16.2.201 | The following test is considered to be a suitable alternative Clause 16.2: | ernative to the test of | LIEN P |
| WALTER V | By manual means, the connector shall be fully inserted into and withdrawn 10 times from an appliance inlet complying with the appropriate standard sheet of this Standard. | Whitek whitek whitek whi | ek Prek vintek |
| ur un Liek unit H | Manually align the connector in the appliance inlet to minimize the effect of misalignment between mating components and any other friction increasing factors, so as to attain the best practical position for minimum resistance to withdrawal. | antil white antiet antiet | |
| whitek w | The connector is then fully reinserted and a withdrawal force gradually applied by any suitable means until the connector is withdrawn. The withdrawal force during three consecutive disengagements shall be measured. | MAX 49N | Ph K Whitek |
| NITE WALTE | Connectors for hot conditions and those for very hot conditions are tested twice, once at ambient temperature and once after the temperature at the base of the pins of the appliance inlet has been raised to— | TE MILIE WILLEY | N/A |
| MITER | (a) 120 ±2°C for connectors for hot conditions; and | t tet tet with all | N/A |
| - C)' | (b) 155 ±2°C for connectors for very hot conditions | The Mr. My An | N/A |
| 17. ¹ | Add the following sentence at the end of the third pa | aragraph | WILL. |
| LIEK WALT | The 'Test of Earthing Connection' in AS/NZS 3100 may be applied as an alternative to the test of Clause 21. | THE MILES WHITES WHITES | N/A |
| 19 | Add the words 'or brass pins' after the words 'harde third paragraph. | ened steel pins' in second line of | CIEK -NIC |
| J. E. K. | Delete last sentence of third paragraph. | | <u> </u> |
| 21/2° 2 | Insert the following new paragraph after the third pa | ragraph: | Min |
| | In the case of a connector failure using an appliance inlet with brass pins, the test may be repeated using an appliance inlet with hardened steel pins (and compliance with hardened steel pins shall override a failure when using an appliance inlet with brass pins). | UNLIEK WILLEK WILLEK WILLEK | MILIP V |
| 21 | Add the following sentence at the end of the fourth | paragraph: | TEN ANTITY |
| All the | Alternatively, the connector is inserted into an appliance inlet complying with this Standard. | THE THE TE | N/A |



Reference No.: WTX23D10218930Z001 Page 37 of 43

| in whi. | AS/NZS 60320.1 | Vr. Av. | | | |
|-----------------------------------|---|-------------------|--|--|--|
| Clause | Requirement + Test Result - Remark | Verdict | | | |
| 21/27. | Add the following text to the end of both the fifth and sixth paragraphs: | 1/1 | | | |
| JEK. | until the temperature is stabilized. | Р | | | |
| 22.4 | Table 6 Add the following new Note: | - i | | | |
| iliek _w ni Ek nifel | NOTE Cross linked elastomeric insulated braided cords, complying with AS/NZS 3191, may be used to test connectors for hot conditions and very hot conditions. | N/A | | | |
| 14. | Delete the words 'for non-rewirable connections' from the last paragraph. | | | | |
| 23.2 | Delete the last sentence from the fifth paragraph. | | | | |
| | Insert the following new paragraph before the Note: | 7 | | | |
| Write M | In particular, the following shall be checked by inspection: | un ^L P | | | |
| TER WALT | (a) Live parts shall not be exposed so as to impair compliance with Clause 10. | NITE P IN | | | |
| Y WILLER VIEW | (b) For each contact, compliance with Clause 21 is maintained and the resistance of the appliance coupler circuit is such that compliance with Clause 17 is maintained. | TEK PIT | | | |
| 7 E.Jr | (c) Any other function affecting safety shall not be impaired. | P | | | |
| er with | (d) No part shall have become detached or loosened to the extent that a hazardous situation is created. | NUL B A | | | |
| 27.1 | Delete the words 'with a rated current exceeding 0,2 A' from the second paragraph. | | | | |
| MITE | In the first dash point add the following text after 'in position': | | | | |
| TEX | for accessories with a rated current exceeding 0.2 A; | P | | | |

| AS/NZS | 60320.1:2012 | | |
|------------------|---|------------------------------|-------------|
| APPENI | DIX ZA - ADDITIONAL REQUIREMENTS FOR GROUP | 2 APPLIANCE COUPLERS | at at |
| ZA1 | INTRODUCTION | | Р |
| Whitek Unitek | This Appendix sets out additional requirements for appliance couplers classified as Group 2. The clauses listed in paragraph ZA2 supplement or modify particular clauses contained in the body of the Standard including the variations of Appendix ZZ. | UNLIEK WALTER WALTER | WALLEY MA |
| ere was | Where there is no Clause reference in Paragraph ZA2, the clauses contained in the body of the Standard apply without change. Where Paragraph ZA2 states 'Addition' or 'Replacement' or the like, the particular clauses contained in the body of the Standard shall be adapted accordingly. | TEK WALTER WALTER WALTER WAS | PLIE WALTER |

Waltek Testing Group Co., Ltd. http://www.waltek.com.cn



Reference No.: WTX23D10218930Z001 Page 38 of 43

| AS/NZS 60320.1 | | | | |
|----------------|---|---------------------------------------|-----------------|--|
| Clause | Requirement + Test | Result - Remark | Verdict | |
| ZA2 | ADDITIONAL REQUIREMENTS | it while while whi | W AP | |
| Scope | Appendix ZA is applicable to appliance couplers classified as Group 2 with | SLIEF WILLEY | WALTE WALPER | |
| | rated voltage not exceeding 250 V and for a current rating not exceeding 63 A. | TIEK NIEK MIEK W | LIEK MILIEK W | |
| 3.202 | Group 1 appliance coupler | | N/A | |
| 3.202 | An appliance coupler that complies with the | THE WATER WATER WAY | N/A | |
| | Standard Sheets C1 to C24 | t at all set | · LIEY OLIEK | |
| 2012 | contained in the body of the Standard. | WHILE WALL WALL | 211 - 211 | |
| 3.203 | Group 2 appliance coupler | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | P | |
| TEX MUT. | An appliance coupler in which the shroud of the appliance inlet differs in dimensions, or the pins differ in number, shape, dimensions or spacing, from those of appliance inlets of Group 1 | anti unitet unitet un | TIER DUTLER MAN | |
| WILLER | NOTE Typical applications for a Group 2 appliance coupler is with frying pans where the connector has an in built thermal control. | EX WHITEX WHITEX WHITE | N/A | |
| 6.201 | Group 2—Couplers are rated at any value not exceeding 63 A This Clause applies with the following addition: | White White white | while will p | |
| 7.1.1 | Add the following dash point | Mari A | L No B | |
| | The temperature class assigned by the manufacturer, with a minimum of 70°C for Group 2 appliance couplers. | TE WATE WITH WAT | THE PART | |
| 3.1 | Add the following dash point: | t tet tiet wife | P. | |
| Mrtiek M | The temperature class assigned by the manufacturer, for Group 2 connectors having a temperature classification above 70°C. | Mr. Mr. Ex | MALTE MALTER | |
| 3.2 | Add the following paragraph: | a at at | Alt AP | |
| e whitek | Group 2 appliance inlets other than those integrated with or incorporated in an appliance or equipment shall be marked with the same marking required for connectors in Clause 8.1. | EX WHITE WHITE WHI | N/A | |
| 9.1 | Delete existing text and replace with the following: | - et et set | JULY BUT | |
| MITEL WA | A Group 2 appliance inlet shall be of such form or dimensions that a connector of Group 1 cannot be inserted in such a manner that the spring contacts of the connector will connect with any pins of the appliance inlet. | Whitek whitek whitek | NUTER WALTER | |
| | This, however shall not apply if the live contacts and any earthing contacts of the connector and appliance inlet can make effective contact without impairing the effectiveness of any part of the connector or appliance inlet. | THE WALTER WALTER WALTE | A BY ANTE | |



Reference No.: WTX23D10218930Z001 Page 39 of 43

| AS/NZS 60320.1 | | | |
|----------------------|---|----------------------------|--------------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| MATIEK M | NOTE Particular attention is drawn to the possibility of damage through cracking of connector bodies and permanent distortion of spring contacts and earthing contacts. | White white white wh | P P |
| | A Group 2 connector, if it is provided with an earthing contact or external metal casing, shall be of such form or dimensions that it cannot be inserted into an appliance inlet of Group 1 in such a manner that the spring contacts of the connector connect with the pins of the appliance inlet. | NLIEK WALTER WALTER WALTER | AN LIEK WHIL |
| MULLER AND | The foregoing requirements do not apply where a connector and appliance inlet are of such form or dimensions that they are obviously not intended to be used with one another. | White white white w | EK MILIEK |
| TEK WALTER | A Group 2 connector and its associated appliance inlet shall be designed so that the connector cannot be inserted into the appliance inlet in such a manner that live and earth connections are transposed. In addition, there shall be no possibility of interconnection of connectors. Compliance is checked by inspection and measurement. | EX WHITEK WHITEK WHITEK | THE MILITER |
| 9.4 | Add the following dash point | me m m | Р |
| | Group 2 connectors with appliance inlets having a temperature class greater than that of the connector. | THE WALL | MILL P W |
| 9.5 | Add the following paragraph | LIER WHILE MULL MULL | N P |
| | Group 2 appliance inlets shall be arranged so that the pin ends do not, under any circumstances, protrude beyond the limiting surface of the shroud. | * WHITEE WHITEE WAITER W | P |
| 9.6 | Add the following paragraph: | THE STEEL STEEL STEEL | N/A |
| itek wni k wnitek | A Group 2 appliance inlet shall not be of dimensions such that it will fit a cord extension socket complying with AS/NZS 3120, Approval and test specifications — Cord extensions sockets NOTE This type of "appliance inlet" is an "inlet plug" with requirements as specified in AS/NZS 3120. | Whitek whitek whitek | N/A |
| 10.1 | Add the following after the second paragraph: | THE MILL WALL AND | N/A |
| VILLER AND | Group 2 connectors may have an accessible earthing facility provided that no earthed part is held during insertion or withdrawal. | WALTER WALTER WALTER | N/A |
| 10.4 | Replace the first sentence with the following: | tet tet tet with | N/A |
| t whitek | External parts of connectors accessible to the standard test finger, except for earth facilities for Group 2 connectors as allowed by Clause 10.1, shall be insulated from live parts by either double insulation or reinforced insulation. | at whitet whitet whitet | N/A |



Reference No.: WTX23D10218930Z001 Page 40 of 43

| Clause | Requirement + Test | Result - Remark | Verdict |
|---------------------|---|-----------------------|---------------|
| 13.12 | Replace the first paragraph with the following | ALTER MALTER WALL | N/A |
| NUTER W | Fuses shall not be incorporated in Group 2 connectors. | SLIET WILLEY MALTER | N/A |
| 15.3 | Add the following after the third paragraph: | 70, 2, 7 | N/A |
| | When a Group 2 connector has an automatic temperature control and the control has an 'off' position marked, the following test shall be applied. | NITE WITE WITE W | N/A |
| | The switching device shall be turned to the 'off' position. The connector shall then be subjected to a temperature of 0°C for a period of 1 h. Immediately following this procedure, a high voltage test of 1000 V a.c. shall be applied across the open contacts and there shall be no failure or arcing over. | SUNTER MUTTER MUTTER | N/A |
| 6.201 | Group 2 connectors, having a temperature classification above 70°C, are tested twice; | LIEK WALTER WALTER WA | N/A |
| WALTER | once at ambient temperature and once after the temperature at the base of the pins of the appliance inlet has been raised to its marked temperature classification ±2°C. | est whitest white | N/A |
| 8.2 | Add the following to the first paragraph: | Mrs. Mrs. Mrs. | N/A |
| iter _W i | Group 2 rewirable connectors are fitted with the appropriate flexible cord specified by the manufacturer. | The state of | N/A |
| MUL | The temperature class assigned by the manufacturer ±2°C for Group 2 connectors; | THE WALLE WILL MAI | N/A |
| 8.3 | Add the following to the first paragraph: | A LIER WIFE WIFE | N/A |
| NITEK 11 | The temperature class assigned by the manufacturer ±2°C for Group 2 appliance inlets; | All An TEX | N/A |
| 22.1 | Add the following after Table 4: | Aur. Aur. Aur. | Р |
| ier whi | For Group 2 non-rewirable connectors, the flexible cord shall— | NIEK WALTER WALTER OU | LITE P. III |
| MALTER WA | (a) be not lighter than light-duty type for connectors rated at ≤7.5 A; | <7.5A | EL MILL MILL |
| | (b) be not lighter t han ordinary type for connectors rated at >7.5 A; | TEX NITER WITER | MET A WALTER |
| | (c) have a nominal cross-sectional area appropriate for the rating and length of the cord; and | MITER MITER WHITER | INLIEK WALTER |
| , t | (d) be of the appropriate temperature class. | | TEX 15 |
| 22.3 | Add the following after Table 5: | LLE MULL MALL MA | N/A |
| | Group 2 rewirable connectors are fitted with the appropriate flexible cord specified by the manufacturer, and complying with AS/NZS 3191, Electrical flexible cords. | H WHITEH WHITEH WHITE | N/A |



Reference No.: WTX23D10218930Z001 Page 41 of 43

| AS/NZS 60320.1 | | | |
|----------------|---|---|---------|
| Clause | Requirement + Test | Result - Remark | Verdict |
| Whi. | Where two types of cords are specified, the connector shall be tested twice, firstly with one and secondly with the other type of specified cord. | White white white | N/A |
| LIET WAL | Where a range of flexible cords is specified, the connector shall be tested with the smallest and the largest flexible cord of the specified range. | THE WIFE WILLES | N/A |
| 22.4 | Add the following after Table 6: | | N/A |
| MUTER | Group 2 rewirable connectors are fitted with the lightest duty flexible cord recommended by the manufacturer. | t fit tet ite | N/A |
| NITEK JU | Group 2 rewirable connectors are fitted with the lightest duty flexible cord recommended by the manufacturer. | wint win wi | N/A |
| IEK WILL | For Group 2, the smallest and largest nominal cross-sectional area conductors, as recommended by the manufacturer, are used. | LIER MULTER MULTER AN | N/A |
| - CLIER | This Clause applies with the following addition: | at at all it | N/A |
| Maitest o | However, for Group 2 connectors incorporating switches, relays, thermostats, thermal cut-outs or energy regulators, the creepage distance and clearance of 4 mm between parts of earthing circuit and live parts need not be complied with, | while | N/A |
| LEK MUTLE | providing the appropriate values given in the Table 'Creepage Distances and Clearances' stated in AS/NZS 3100, Approval and test specifications — General requirements for electrical equipment are satisfied. | It's milit while whi | N/A |
| 27.1.2 | Replace the last paragraph with: | MITER MILIE WALL | N/A |
| antiesk on | NOTE Decorative trims, wiring insulation, knobs and other small parts unlikely to be ignited or to propagate flames are not tested. | antiek unitek | N/A |

Reference No.: WTX23D10218930Z001 Page 42 of 43

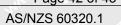






Photo 1 External View



Photo 2 External View



Reference No.: WTX23D10218930Z001 Page 43 of 43

AS/NZS 60320.1

Clause Requirement + Test Result - Remark Verdict



Photo 3 External View



Photo 4 External View

====End of Report=====