

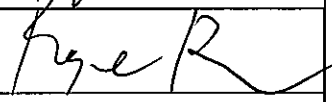


<b>TEST REPORT</b> <b>IEC 60884-1</b> <b>Plugs and socket-outlets for household and similar purposes</b> <b>Part 1: General requirements</b>	
Report Number .....	6202375.50
Date of issue.....	2024-09-30
Total number of pages .....	14 pages
<b>Name of Testing Laboratory preparing the Report .....</b>	DEKRA Testing and Certification (Shanghai) Ltd.
<b>Applicant's name.....</b>	BRAYTRON S.R.L
<b>Address.....</b>	B.DUL IULIU MANIU, NR.616, CORP B, ETAJ 1 SECTOR 6, 061129, BUCHAREST, ROMANIA
<b>Test specification:</b>	
<b>Standard .....</b>	IEC 60884-1:2002, AMD1:2006, AMD2:2013
<b>Test procedure .....</b>	GS
<b>Non-standard test method .....</b>	N/A
<b>Test Report Form No.....</b>	IEC60884_1G
<b>Test Report Form(s) Originator....</b>	IMQ S.p.A.
<b>Master TRF.....</b>	Dated 2019-05-07
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<b>General disclaimer:</b>	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing Testing Laboratory.	
<b>Test item description.....</b>	Multiple portable socket-outlets
<b>Trade Mark.....</b>	
<b>Manufacturer .....</b>	DEMGRUP INTERNATIONAL LIGHTING LIMITED UNIT 811, BEVERLEY COMMERCIAL CENTRE, 87-105 CHATHAM ROAD SOUTH, TSIM SHA TSUI, KOWLOON, HONGKONG
<b>Model/Type reference.....</b>	BY72-0023X, BY72-0024X, BY72-0026X
<b>Ratings.....</b>	16 A 250V~, MAX 3680W

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<input checked="" type="checkbox"/>	<b>Testing Laboratory:</b>	DEKRA Testing and Certification (Shanghai) Ltd.
	<b>Testing location/ address.....:</b>	3F #250 Jiangchangsan Road, Building 16 Headquarter Economy Park Shibeil Hi-Tech Park, Jing'an District, Shanghai 200436, China
	<b>Tested by (name, function, signature).....:</b>	J. Zhu (Engineer) 
	<b>Approved by (name, function, signature)....:</b>	P. Ren (Reviewer) 
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 1:</b>	
	<b>Testing location/ address.....:</b>	
	<b>Tested by (name, function, signature).....:</b>	
	<b>Approved by (name, function, signature)....:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 2:</b>	
	<b>Testing location/ address.....:</b>	
	<b>Tested by (name + signature) .....</b>	
	<b>Witnessed by (name, function, signature)..:</b>	
	<b>Approved by (name, function, signature)....:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 3:</b>	
<input type="checkbox"/>	<b>Testing procedure: CTF Stage 4:</b>	
	<b>Testing location/ address.....:</b>	
	<b>Tested by (name, function, signature).....:</b>	
	<b>Witnessed by (name, function, signature)..:</b>	
	<b>Approved by (name, function, signature)....:</b>	
	<b>Supervised by (name, function, signature) :</b>	

<p><b>List of Attachments (including a total number of pages in each attachment):</b></p> <ul style="list-style-type: none"> <li>- deviation of Germany (1 page)</li> <li>- pictures of product (4 pages)</li> </ul>	
<p><b>Summary of testing:</b></p>	
<p><b>Tests performed (name of test and test clause):</b></p> <p>This report is issued to check the identity against the main GS certificate No. 4922062.24003 and report 6189689.50 dated on 2024-06-20 to change the applicant, manufacturer, trade name and type.</p> <p>BY72-0023X, BY72-0024X and BY72-0026X are identical to XX-GK13CX-23, XX-GK14CX-23 and XX-GK16CX-23 except the type and trade name.</p> <p>All identical check has conducted. The sample of representative model BY72-0026X including construction, critical components and instructions are the same as the product in original report.</p> <p>Clause 8 was additionally performed.</p>	<p><b>Testing location:</b></p> <p>DEKRA Testing and Certification (Shanghai) Ltd. 3F #250 Jiangchangsan Road, Building 16 Headquarter Economy Park Shibe Hi-Tech Park, Jing'an District, Shanghai 200436, China</p>
<p><b>Summary of compliance with National Differences (List of countries addressed):</b></p> <p>Germany – DIN VDE 0620-2-1:2016+A1:2017; DIN VDE 0620-2-1:2021 Clause 10.5</p> <p>For GS scheme, the applicable EK1 decisions including EK1 601-15e Rev.3, EK1 510-11, EK1 634-16, EK1 702-20 Rev.1 and EK1 775-23 have been considered and requirements are fulfilled.</p> <p><input checked="" type="checkbox"/> <b>The product fulfils the requirements of listed above.</b></p>	

**Copy of marking plate:**

Model BY72-0026X as a typical example:

**Braytron**

Made in P.R.C.

**BY72-0026X**

Nicht hintereinander stecken

Nicht abgedeckt betreiben

Spannungsfrei nur bei gezogenem Stecker

Nur zur Verwendung in trockenen Räumen

**Wegen erhöhter Temperaturbelastung nur  
im unabgewickelten Zustand betreiben****MAX 3680 W**
 $\frac{16}{250} \sim$ 
**On the smallest packaging:**

BRAYTRON S.R.L


B.DUL IULIU MANIU, NR.616, CORP B, ETAJ 1 SECTOR 6, 061129, BUCHAREST, ROMANIA

\*Note  $\frac{16}{250} \sim$  (moulded on the engagement surface)

<b>Test item particulars</b> .....	: Multiple portable socket-outlets
<b>Standard Sheet</b> .....	: DIN 49440-1
<b>Rated current (A) / Rated voltage (V)</b> .....	: 16 / 250
<b>Degree of protection against access to hazardous parts and against harmful ingress of solid foreign objects</b> .....	: IP2X
<b>Degree of protection against harmful ingress of water</b> .....	: IPX0
<b>Provision for earthing</b> .....	: with earthing contact
<b>Method of connecting the cable</b> .....	: non-rewirable
<b>Type of cable</b> .....	: H05VV-F
<b>Nominal cross-sectional areas (mm<sup>2</sup>)</b> .....	: 3G1,5
<b>Type of terminals</b> .....	: N/A
<b>Type of connections</b> .....	: Welded, soldered
<b>Socket-outlets:</b>	
<b>Degree of protection against electric shock</b> :	Normal protection
<b>Existence of shutters</b> .....	: With shutters
<b>Method of application / mounting of the socket-outlet</b> .....	: portable type / table-type (multiple)
<b>Method of installation</b> .....	: N/A
<b>Intended for circuits where</b> .....	: A single earthing circuit provides protective earthing
<b>Plugs:</b>	
<b>Class of equipment</b> .....	: N/A
<b>Possible test case verdicts:</b>	
- 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)
<b>Testing</b> .....	: -
<b>Date of receipt of test item</b> .....	: 2024-09-02
<b>Date (s) of performance of tests</b> .....	: 2024-09-20
<b>General remarks:</b>	
<p>The measurement result is considered in conformance with the requirement if it is within the prescribed limit. It is not necessary to calculate the uncertainty associated with the measurement result, unless the specification, standard or customer have special requirements.</p> <p>This report will not be used for social proof function in China market.</p> <p>"(See Enclosure #)" refers to additional information appended to the report.</p> <p>"(See appended table)" refers to a table appended to the report.</p> <p><b>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator.</b></p>	

<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-1:</b>			
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 .....		<input type="checkbox"/> <b>Yes</b> <input checked="" type="checkbox"/> <b>Not applicable</b>	
<b>When differences exist; they shall be identified in the General product information section.</b>			
<b>Name and address of factory (ies) .....</b>		Daqishan, East Guanhaiwei Industrial Zone Cixi, Ningbo, China	
<b>General product information and other remarks:</b>			
product	:	Multiple portable socket-outlets	
trade name(s)	:	Braytron	
type(s)	:	BY72-0023X, BY72-0024X, BY72-0026X	
rated current	:	16 A	
rated voltage	:	250 V~	
rated load	:	MAX 3680W	
degree of protection	:	IP20	
earthing	:	With side earthing contacts	
design	:	Non-rewirable, with shutters	
standard sheet	:	DIN 49440-1	
cord termination	:	Soldered, welded	
description	:	Body of thermoplastic material	
Model list:			
Model No.	Design	With Switch	
BY72-0023X	3-fold	Y	
BY72-0024X	4-fold	Y	
BY72-0026X	6-fold	Y	
Component list:			
Component	Manufacturer	Type / Technical data	Marks of conformity <sup>1)</sup>
Plug	Ningbo Electrical Co., Ltd.	XX-01, 16A 250V~, DIN 49441-R2, all colours	VDE 40020223 PAH report: DEKRA No. 6193488.50QS
Cable	Ningbo Electrical Co., Ltd.	H05VV-F 3G1,5 mm <sup>2</sup> , all colours	VDE 40017439 PAH report: DEKRA No. 6193488.50QS
Switch	Cixi Yongxing Electrical Technology Co., Ltd.	YX-03-1, 16A 250V~; 1E4, double pole	TUV R 50466894 PAH report: DEKRA No. 6193488.50QS
Enclosure & cord anchorage	China Petroleum&Chemical Corporation	PP, all colours	* PAH report: DEKRA No. 6193488.50QS
grommet	Cixi Bocheng Plastic Industry Co., Ltd.	PVC, all colours	* PAH report:

			DEKRA No. 6193488.50QS
Shutter & shutter box	SABIC Innovative Plastics(China)Co., Ltd.	PC, PC0703R	*
L/N and PE contacts	Ningbo Jintian Copper(Group) Co., Ltd.	H62, Cu 62%	*
* indicates a component tested as part of the product			

IEC 60884-1			
Clause	Requirement + Test	Result - Remark	Verdict
<b>8</b>	<b>MARKING</b>		
8.1	Accessories marked as follows:		P
	- rated current (A) .....	16	P
	- rated voltage (V) .....	250	P
	- symbol for nature of supply .....	~	P
	- manufacturer's or responsible vendor's name .....		P
	- type reference .....	BY72-0023X, BY72-0024X, BY72-0026X	P
	- degree of protection (first characteristic numeral) if higher than 2 .....		N/A
	- degree of protection (second characteristic numeral) if higher than 0 .....		N/A
	- degree of protection (first characteristic numeral) higher than 4 for fixed socket outlet in which case the second characteristic numeral shall also be marked .....		N/A
	- degree of protection (second characteristic numeral) higher than 2 for fixed socket outlet in which case the first characteristic numeral shall also be marked .....		N/A
	Socket-outlets with screwless terminals marked with the following:		N/A
	- the length of insulation to be removed .....		N/A
	- an indication of the suitability to accept rigid conductors only (if any) .....		N/A
8.2	Symbols used: as required in the standard		P
	Marking for the nature of supply placed next to the marking for rated current and rated voltage		P
8.3	Marking of fixed socket-outlets placed on the main part:		N/A
	- rated current, rated voltage and nature of supply		N/A
	- identification mark of the manufacturer or of the responsible vendor		N/A
	- length of insulation to be removed, if any		N/A
	- indication of the suitability to accept rigid conductors only for screwless terminals for those socket-outlets having this restriction		N/A
	- type reference		N/A
	Cover plates necessary for safety purposes and intended to be sold separately: marked with the manufacturer's or responsible vendor's name and type reference		N/A



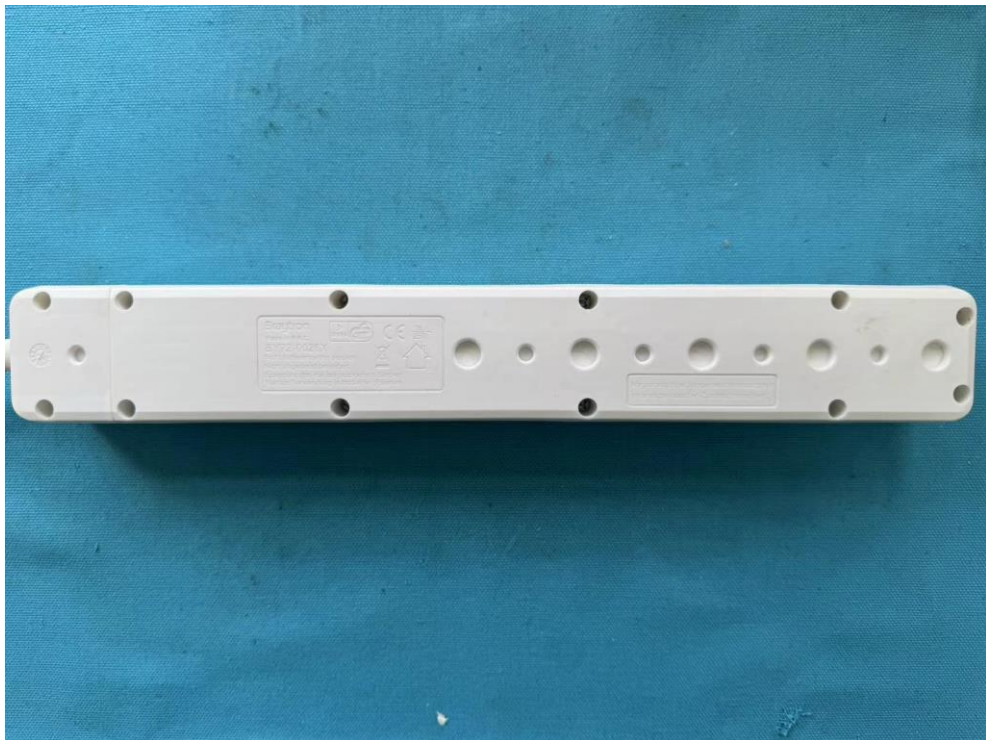
IEC 60884-1			
Clause	Requirement + Test	Result - Remark	Verdict
	IP code, if applicable: marked so as to be easily discernible		N/A
	Fixed socket-outlets classified according to item b) of 7.2.5: identified by a triangle visible after installation unless they have an interface configuration different from that used in normal circuits .....		N/A
8.4	Plugs and portable socket-outlets: marking specified in 8.1, other than the type reference, easily discernible		P
	Plugs and portable socket-outlets for equipment of class II not marked with the symbol for class II construction		N/A
8.5	Neutral terminals: N .....		N/A
	Earthing terminals: [earth symbol] .....		N/A
	Markings not placed on screws or other easily removable parts		N/A
	Terminals for conductors not forming part of the main function of the socket-outlet:		N/A
	- clearly identified unless their purpose is self-evident, or		N/A
	- indicated in a wiring diagram fixed to the accessory		N/A
	Identification of such terminals may be achieved by:		N/A
	- their being marked with graphical symbols according to IEC 60417-2 or colours and/or alphanumeric system, or		N/A
	- their being marked with their physical dimensions or relative location		N/A
8.6	Surface-type mounting boxes forming an integral part of socket-outlets having an IP code higher than IP4X, or higher than IPX2, the IP code marked on the outside of its associated enclosure so as to be easily discernible		N/A
8.7	Indication of which position or with which special provision the declared IP of flush-type and semi-flush-type fixed socket-outlets having IP>X0 is ensured		N/A
8.8	Marking durable and clearly legible with normal or corrected vision, without additional magnification. Test: 15 s with water and 15 s with petroleum spirit		P

DIN VDE 0620-2-1:2016+ A1:2017			
Clause	Requirement + Test	Result - Remark	Verdict
8	Markings The legal requirements for the marking of products shall be considered (GPSG)		P
8.1	Add after the fourth dashed item		P
	Note See GPSG, clause 5 for the type and scope of the information		P
8.6	Additional paragraph at the end		N/A
	For surface-type mounting boxes with the degree of protection of IPX4, it shall be clearly marked that the condensate hole shall be opened in the lowest mounting position		N/A
8.8	Amend the first paragraph to read		P
	Marking - durable and easily legible - not less than 3 mm if possible		P
8.9	Additional clause		P
	Warning notes The following warnings shall be provided for portable multiple socket-outlets and adaptors in the package leaflet or on the product by means of text or pictogram.		P
	a) Portable socket outlets		P
	- don't plug in a row ( <i>nicht hintereinanderstecken</i> )		P
	- don't use coated ( <i>nicht abgedeckt betreiben</i> )		P
	b) Portable multiple socket-outlet with function-switch		P
	- voltage-free only when unplugged ( <i>spannungsfrei nur bei gezogenen Stecker</i> )		P
	c) Intermediate adaptor		N/A
	- don't plug in a row ( <i>nicht hintereinanderstecken</i> )		N/A
	d) cord extension sets and multiple socket-outlets with cord:		P
	- Information about the allowed ambience ( <i>Information über zulässige Umgebung wird mitgeliefert</i> )	Nur zur Verwendung in trockenen Räumen	P
8.10	Additional clause Notes according to annex E fitted at the smallest unit-of-sales		N/A
8.11	Additional paragraph at the end		N/A
	If products require installation instructions for professionals, these must be added to the smallest sales unit.		N/A
	The name and address of the manufacturer or, if not resident in the European Economic Area, the name and contact address of the authorized representative or the importer are on to indicate the smallest unit of sale.		N/A

Annex pictures:



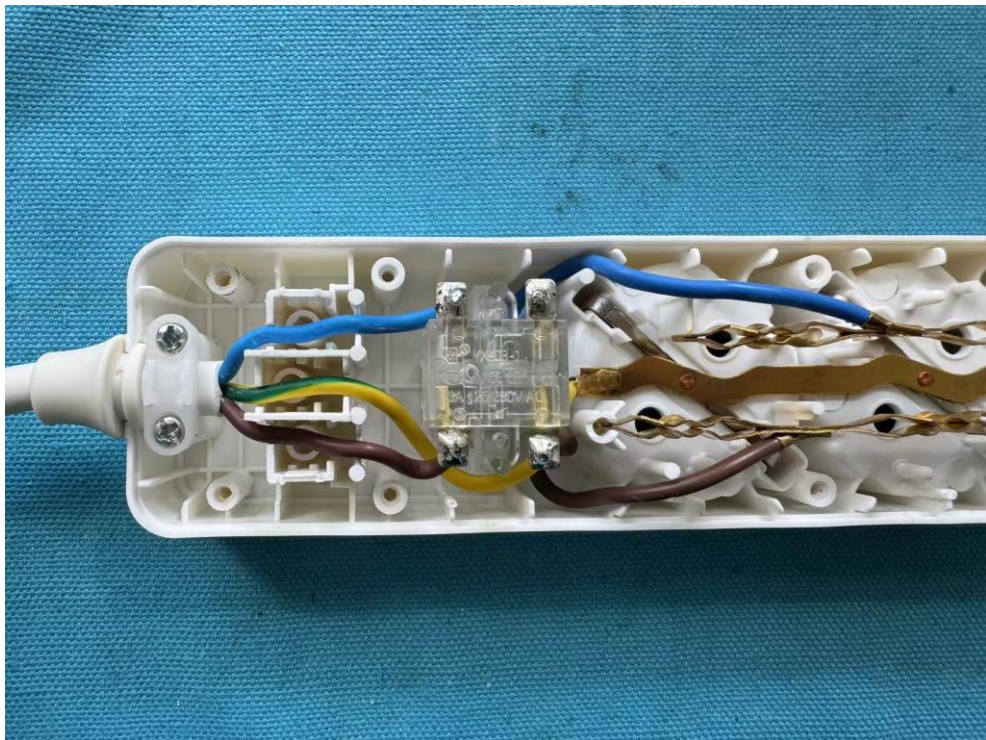
BY72-0026X



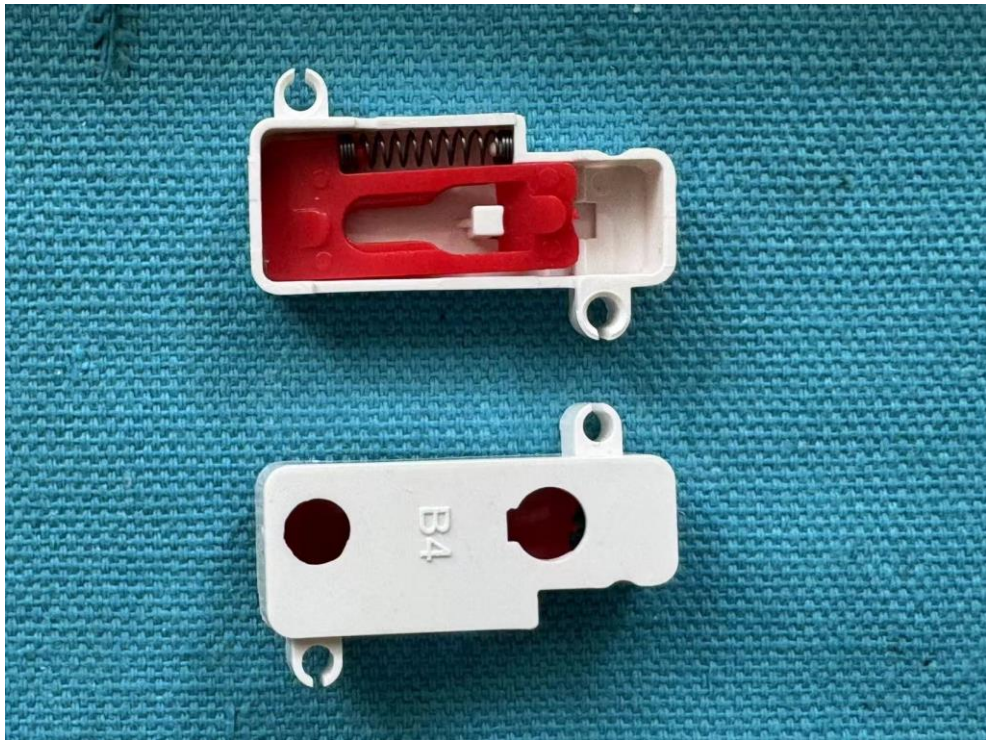
Annex pictures:



Annex pictures:



Annex pictures:



.....End of report.....