

		<h2 style="text-align: center;">TYPE TEST REPORT</h2>	
Product Code: 111795-111797	Product name: PLSHA DOKA G2 80W DIREK 1 ENEC STD SERIGRAFLI TEMP CAM 4000K ST 7043 IP66 PLSHA DOKA G2 100W DIREK 1 ENEC STD SERIGRAFLI TEMP CAM 4000K ST 7043 IP66	Report Date: 07.03.2023	
Features to Check / Control Methods	Control Points	Explanation	Result
Visual Control	Check the packaging		P
	Check for bumps, dents, scratches and dirt in the sample, paint errors		P
	Check the product label		P
	Check the user manual		P
Manual Control	Check the terminal blocks		P
	Check the external and internal wiring		P
	Check live parts and cables		P
	Check insulation elements		P
	Check earth connection		P
Marking Durability Test	Scrub the marks and labels with a cloth soaked in water for 15 Seconds, then again for 15 seconds with a cloth soaked in petroleum ether. Check your durability		P
	As a result of this process, ink smears on the signs and labels should not be erased. (Do not apply this inspection to marks made by printing, casting, pressure or engraving.)		P
Experiments on Construction Processes	Visually check that the replaceable parts have sufficient space between them to allow them to be replaced without being exposed to power and without harming safety.		P
	Visually check that the paths through which the cables are routed are smooth, completely free from sharp edges, casting burrs, burr crumbs and the like.		P
	Check manually whether the cables connected to the sockets are properly made.		--
	Check to see if replacing two-ended lamps is harmful to other lamps.		--
	Visually and manually check whether the terminals are properly sized, securely fastened.		P
	Check if the insulating parts reliably maintain their positions during the fitting of the luminaire.		P
	Check if the screws and rivets used in the assembly are locked for loosening.		P
	Screws should not be of soft and easy-wearing material. Check it out. Screw connections should be tightened and loosened five times. This test should be done using the appropriate screwdriver, turning moments (1300-TL-062) given in the table.	0,2Nm	P
Experiments on Insulation Ranges	Active sections and adjacent metal sections must be spaced 2 mm apart. Check with the help of related gages or calipers.		P
Experiments on Surface Leakage Length	Specify the electrical protection class.	I	P
	Check the portions carrying different polarity currents		P
	Check current carrying parts and accessible parts		P
	Check the outer surface of the cable		P
	Check current carrying parts of switches		P
	Check the parts that may be stressed due to the failure of the basic insulation and metal parts		P
Person In Charge Of Test: CENGİZ KURŞUN		Approved By: AKIN SEZER	
			



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Features to Check / Control Methods	Control Points	Explanation	Result
Experiments on Earth Isolation Equipment	Check the supporting surface with current-carrying parts		P
	Check that the metal sections are permanently and reliably connected to the ground terminal.		P
	Check if the ground connections are of low resistance. (Maximum 0.5 ohm device	0,12Ω	P
	Check that the grounding leads are sufficiently locked against loosening.		P
	In a fixture to be connected to the supply cable, check whether the earth terminal is located next to the mains power terminals.		P
	Check if the green-yellow wire is connected to another end from the grounding leads.		P
Experiments on Connectors	Flexible Conductors: Check the nominal cross-sections of conductors and the smallest diameter the conductor will enter from the chart (1300-TL-062) for each terminal.		P
	Manually check whether the leads are securely clamping the conductor between the metal surfaces.		P
	Check if the terminals are clamping the conductors without causing excessive damage.		P
Experiments on External Conductors	Check if the cable entries are to protect the cable.		P
	Check if the cable entry hole is made of insulating material, equipped with a solid		P
	The cable should not be pushed into the luminaire, subject to extreme mechanical or		P
	Check to see if cable holders are fastened to at least one luminaire or are an integral part of luminaire		P
Experiments on Internal Conductors (Internal Cables)	Inner conductor connection insulation material thickness min. It should be 0.5mm. If the insulation material is rubber or PVC, it should be 0.6 mm. Check if this is achieved.		P
	Conductors colored with insulating material green and yellow should only be used in the ground connection. Check it out.		P
	Inner conductors should be placed and protected in such a way that they do not cause damage from sharp edges and moving parts of the switches. Check if this is achieved.		P
Protection Against Electric Shock Test	Apply the standard test finger to all possible sections with a force of 10 N. Determine if there is any contact with the active parts using an indicator attached to the test finger.		P
	The voltage of the lamp used in determining the contact should not be less than 40V.		P
Dust and Rain Resistance	Specify the classification by IP. Apply and check the experiment rules for those over IP 20	IP66	P
	Check for talcum powder in luminaire-free luminaires		P
	Humidity test operation check after 48 hours		P
	Check for water free luminaires for no water		P
	Apply electrical endurance test after experiment		P
Insulation Resistance and Electric Resistance Test	The insulation resistance should not fall below the values given in the table (1300-TL-062).	999,9MΩ	P
	In sections, superficial jumping and puncture should not occur.		P
High Voltage Test	Specify test voltage (2U + 1000V), check that the product is working properly.	1500V	P
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