

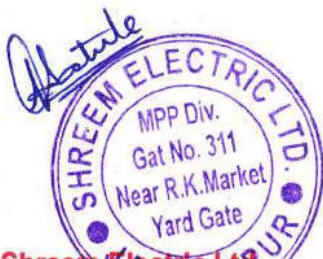
STANDARD NO: EN 60255-27

TEST DATE: 14/08/2021-20/08/2021

P/I NO. : IR-20210523-2dtd:23.05.2021

PRODUCT: POWER FACTOR SPF -12C

CL.NO	DESCRIPTION	Refer STANDARD NO	RESULT	REMARKS
10.6.1.1	Dry heat test	EN 60255-1	Temp.+ 70°C±2°C Duration (24 to 72 hr)	Complied Voltage, Current, PF Checked ok
10.6.1.2	Cold test	EN 60255-1	Temp.-25±2°C Duration (72 hr)	Complied
10.6.1.3	Dry – heat test at maximum storage temperature	EN 60255-1	Temp.-25±2°C Duration (72 hr)	Complied
10.6.1.4	Cold – heat test at maximum storage temperature	EN 60255-1	Temp.-25±2°C Duration (72 hr)	Complied
10.6.1.5	Damp- heat test	EN 60255-1	Upper temp.40°C -6 cycles in (24 hr)	Complied
10.6.1.6	Cyclic temperature with humidity	EN 60255-1	Upper temp.40°C -6 cycles in (24 hr)	Complied
10.6.2.1	vibration	EN 60255-21-1	(Endurance 1G, Response 0.5G) 10 swipe cycles=75min. Min. Error, no damage and no change in information	Sample intact unit in working condition
10.6.2.2	Shock	EN 60255-21-2	Half pulse for 18ms Peak acceleration (40g)(400 m/s <sup>2</sup> )	Sample intact unit in working condition
10.6.2.3	Bump	EN 60255-21-2	Class I	Sample intact unit in working condition
10.6.2.4	Seismic	EN 60255-21-3	Class I	Sample intact unit in working condition
10.6.6	Reverse polarity and slow ramp	EN 60255-1	NA	NA
	<b>Safety-related tests</b>			
10.6.3	Clearances and creepage distance	EN 60255-27	≥±4 mm	≥±4 mm Min.
10.6.2.5	Accessible parts test	EN 60255-27		
10.6.2.6	IP rating	EN 60255-27	IP54 (Front)	Complied
10.6.4.2	Impulse voltage	EN 60255-27	2.2KV	Complied



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10.6.4.3	AC or D.C.dielectric voltage	EN 60255-27	2.2KV AC, 50Hz for 1 minute between all electrical circuits	Sample intact unit in working condition
10.6.4.4	Insulation resistance	EN 60255-27	NA	complied
10.6.4.5	Protective bonding resistance	EN 60255-27	NA	NA
10.6.4.5.2	Protective bonding continuity	EN 60255-27	NA	NA
10.6.5.2	Flammability of insulating materials components and fire enclosures	EN 60255-27	Lexan 940 (Polycarbonate), Flammability Class V-0 acc.To UL 94, Self-extinguishing, non-dripping, free of halogen	No continuous flame observed & No mechanical damage
10.6.5.5	Single-fault condition	EN 60255-27	NA	NA
	<b>Electrical environment tests</b>			
10.6.5.1	Maximum temperature of parts and materials	EN 60255-1	Maximum operating temperature 60°C	Sample intact unit in working condition.
10.6.5.3	Thermal short time	EN 60255-1	Thermal Rating short time-Overload withstand Voltage 2 x rated value for 1 second, repeated 10 times at 10 second intervals. Current 20 x rated current for 1 second, repeated 5 times at 5 min.	Complied
10.6.5.4	Output relay, make and carry	EN 60255-1	Current carrying capacity 5A	Complied



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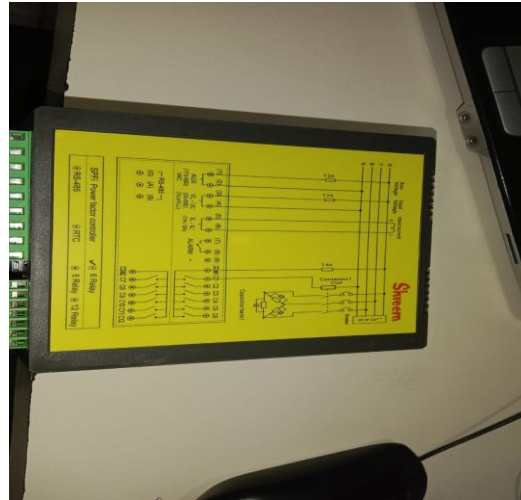


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**CONCLUSION:** Place and date of inspection at **Shreem Electric LTD** located in **Jaysingpur** on 14/08/2021 and the sample test performed by manufacturer from 14.08.2021 to -20/08/2021 . Sample test witnessed by SAI inspector in laboratory of the manufacturer and concluded that the goods are in conformity with **Standard No.: EN 60255-27**

Furthermore, we confirm that the test report is acceptable and the manufacturer's laboratory found to be as qualified.

Manufacturer's Representative

S A I Representative



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