



Product Service

# CERTIFICATE

No. B 101735 0001 Rev. 00

**Holder of Certificate:** **Elmex Electric Pvt. Ltd**  
 12 GIDC Estate, Makarpura Road  
 390010 Vadodara, Gujarat  
 INDIA

**Production Facility(ies):** 089648

**Certification Mark:**



**Product:** **Surge protection equipment (PV SPD)**

**Model(s):** **SPPV3 T2 - 1000**

<b>Parameters:</b>	SPD type:	Class II
	Maximum continuous operating voltage $U_{CPV}$ :	1000V d.c.
	Max discharge current $I_{max}$ :	40kA
	Nominal discharge current $I_n$ :	20kA
	Voltage protection level $U_P$ :	4.0kV (+/PE, -/PE, +/-)
	Short circuit withstand $I_{SCP}$ :	1000A
	Number of ports:	One port
	Mounting method:	Fixed
	Connection configuration:	Y-configuration
	Degree of protection:	IP20(after proper installation)
Temperature range:	Extended (-40°C to +70°C)	

**Tested according to:** IEC 61643-31:2018

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 64100180457702A  
**Valid until:** 2023-11-22

*Boris Ouyang*

**Date,** 2018-11-23 ( Boris Ouyang )