



Ref. Certif. No.

**DK-98759-M1-UL**

**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME**

**CB TEST CERTIFICATE**

Product	Ethernet switches
Name and address of the applicant	WESTERMO NETWORK TECHNOLOGIES AB WIJ 4 STORA SUNDBY 635 35 SWEDEN
Name and address of the manufacturer	WESTERMO NETWORK TECHNOLOGIES AB WIJ 4 STORA SUNDBY 635 35 SWEDEN
Name and address of the factory	WESTERMO NETWORK TECHNOLOGIES AB WIJ 4 STORA SUNDBY 635 35 SWEDEN
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	See Page 2
Trademark (if any)	WESTERMO
Customer's Testing Facility (CTF) Stage used	
Model / Type Ref.	RedFox-5528-T28G-HV(*), RedFox-5528-E-T28G-HV(*), RedFox-5528-F4G-T24G-HV(*), RedFox-5528-E-F4G-T24G-HV(*), <input checked="" type="checkbox"/> Additional Information on page 2
Additional information (if necessary may also be reported on page 2)	The report was revised to include technical modifications. <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 61010-1:2010, IEC 61010-1:2010/AMD1:2016, IEC 61010-2-201:2017
As shown in the Test Report Ref. No. which forms part of this Certificate	E508033-D1000-1/A1/C1-ULCB issued on 2021-06-18

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2021-07-13  
Original Issue Date: 2020-06-19

Signature: Jan-Erik Storgaard



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**Additional Model(s):**

**Series:** RedFox-5528-T28G-HV(\*), RedFox-5528-E-T28G-HV(\*), RedFox-5528-F4G-T24G-HV(\*), RedFox-5528-E-F4G-T24G-HV(\*), RedFox-5528-F16G-T12G-HV(\*), RedFox-5528-E-F16G-T12G-HV(\*), RedFox-5728-F4G-T24G-HV(\*), RedFox-5728-E-F4G-T24G-HV(\*), RedFox-5728-F4G-T24G-HVHV(\*), RedFox-5728-E-F4G-T24G-HVHV(\*), RedFox-5728-F16G-T12G-HV(\*), RedFox-5728-E-F16G-T12G-HV(\*), RedFox-5728-F16G-T12G-HVHV(\*), RedFox-5728-E-F16G-T12G-HVHV(\*). (\*) - can be one or more alphanumeric character or blank representing customer specific models (not safety relevant)

**Ratings:**

Input Supply: 110-240Vac, 50-60Hz or 110-240Vdc; 0.14 - 0.27A  
models RedFox-5528-T28G-HV, RedFox-5528-E-T28G-HV, RedFox-5528-F4G-T24G-HV, RedFox-5528-E-F4G-T24G-HV, RedFox-5728-F4G-T24G-HV, RedFox-5728-E-F4G-T24G-HV, RedFox-5728-F4G-T24G-HVHV, RedFox-5728-E-F4G-T24G-HVHV; 0.16 - 0.31A models RedFox-5528-F16G-T12G-HV, RedFox-5528-E-F16G-T12G-HV, RedFox-5728-F16G-T12G-HV, RedFox-5728-E-F16G-T12G-HV, RedFox-5728-F16G-T12G-HVHV, RedFox-5728-E-F16G-T12G-HVHV.  
Digital Inputs: 1 x 60Vdc, 2.9mA max.  
Solid Output: 1 x 60Vdc, 80mA Micro SD: 1 x Secure Digital 2.0, 100mA max.  
Communication: Console Port: 1 x USB 2.0, 100mA max.  
Ethernet 10/100/1000Mbit/s ports: 28 for models RedFox-5528-T28G-HV, RedFox-5528-E-T28G-HV; 24 for models RedFox-5528-F4G-T24G-HV, RedFox-5528-E-F4G-T24G-HV, RedFox-5728-F4G-T24G-HV and -HVHV, RedFox-5728-E-F4G-T24G-HV and -HVHV; 12 for models RedFox-5528-F16G-T12G-HV, RedFox-5528-E-F16G-T12G-HV, RedFox-5728-F16G-T12G-HV and -HVHV, RedFox-5728-E-F16G-T12G-HV and -HVHV SFP ports 100 or 1000Mbit/s: 4 for models RedFox-5528-F4G-T24G-HV, RedFox-5528-E-F4G-T24G-HV, RedFox-5728-F4G-T24G-HV and -HVHV, RedFox-5728-E-F4G-T24G-HV and -HVHV; 16 for models RedFox-5528-E-F16G-T12G-HV, RedFox-5728-F4G-T24G-HV, RedFox-5728-F16G-T12G-HV and -HVHV, RedFox-5728-E-F16G-T12G-HV and -HVHV.

**Additionally evaluated to:**

EN 61010-1:2010, EN 61010-1:2010/A1:2019  
Additionally evaluated to EN 61010-2:201:2018; National Differences specified in the CB Test Report.

**Summary of Modifications:**

Updated UL standard to the latest revision date;  
Added EN standards;  
Corrected trademark to "WESTERMO" and Name of Testing Laboratory in Part 2 of standard.  
Add missed "-" in name of some of models.

**Additional information (if necessary)**



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