

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Low-voltage surge protective devices –  
Part 12: Surge protective devices connected to low-voltage power distribution  
systems – Selection and application principles**

**Parafoudres basse tension –  
Partie 12: Parafoudres connectés aux réseaux de distribution basse tension –  
Principes de choix et d'application**



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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LOW-VOLTAGE SURGE PROTECTIVE DEVICES –****Part 12: Surge protective devices connected  
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Selection and application principles**

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IEC 61643-12	Low-voltage surge protective devices – Part 12: Surge protective devices connected to low-voltage power distribution systems – Selection and application principles	IEC 61643-12
IEC 61643-21	Low-voltage surge protective devices – Part 21: Surge protective devices connected to telecommunications and signalling networks – Performance requirements and testing methods	IEC 61643-21
IEC 61643-22	Low-voltage surge protective devices – Part 22: Surge protective devices connected to telecommunications and signalling networks – Selection and application principles	IEC 61643-22
IEC 61643-301	Low-voltage surge protective devices – Part 301: Components for surge protective devices – General test specifications	
IEC 61643-302	Low-voltage surge protective devices – Part 302: Components for surge protective devices – General performance specifications	
IEC 61643-303	Low-voltage surge protective devices – Part 303: Components for surge protective devices – General selection and application principles	
IEC 61643-311	Low-voltage surge protective devices – Part 311: Components for surge protective devices – Test specification for gas discharge tubes (GDTs)	IEC 61643-311
IEC 61643-312	Low-voltage surge protective devices – Part 312: Components for surge protective devices – Performance specification for gas discharge tubes (GDTs)	
IEC 61643-313	Low-voltage surge protective devices – Part 313: Components for surge protective devices – Selection and applications principles for gas discharge tubes (GDTs)	
IEC 61643-321	Low-voltage surge protective devices – Part 321: Components for surge protective devices – Test specification for avalanche breakdown diodes (ABDs)	IEC 61643-321
IEC 61643-322	Low-voltage surge protective devices – Part 322: Components for surge protective devices – Performance specification for avalanche breakdown diodes (ABDs)	
IEC 61643-323	Low-voltage surge protective devices – Part 323: Components for surge protective devices – Selection and applications principles for avalanche breakdown diodes (ABDs)	
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IEC 61643-332	Low-voltage surge protective devices – Part 332: Components for surge protective devices – Performance specification for metal oxide varistors (MOVs)	
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IEC 61643-341	Low-voltage surge protective devices – Part 341: Components for surge protective devices – Test specification for thyristor surge suppressors (TSSs)	IEC 61643-341

IEC 61643-342	Low-voltage surge protective devices – Part 342: Components for surge protective devices – Performance specification for thyristor surge suppressors (TSSs)	
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