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DL

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

DL/T 2109-2020

**Selection and application guide of polymer-housed metal oxide
surge arresters with external series gap for DC power
transmission lines
(English Translation)**

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Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies the marking and classification, standard ratings, operating conditions, general selection procedures, parameter selection and technical requirements, inspection, installation, etc. of metal oxide surge arresters with external series gaps in composite jackets for DC transmission lines. This standard applies to metal oxide surge arresters with external series gaps in composite jackets for DC transmission lines with a system rated voltage of degC400kVdegC1100kV. This lightning arrester is only used to protect line insulation [including insulators (strings) and air gaps] to prevent flashover or breakdown caused by lightning, and should not act under operating overvoltages. Composite jacket with external series gap metal oxide for DC transmission systems of other voltage levels

Document data

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Standards quoted by this document

GB/T 311.1-2012; GB/T 311.2-2013; GB/T 4585-2004; GB/T 7354; GB/T 11032-2010; GB/T 16927.1; GB/T 19519; GB/T 21429; GB/T 24842; GB/T 26218.1-2010; GB/T 32520-2016; GB/T 50064; DL/T 804; DL/T 815-2012; DL/T 1676; JB/T 8177; JB/T 8459; JB/T 10497; IEC 60099