



适用于煤矿井下防爆开关
Explosion proof switch that
suitable for mining

LM-6Q 型电流互感器

LM-6Q Current transformer type

概述 Description

LM-6Q型电流互感器适用于额定频率为6kV矿用防爆型高压配电装置中做电流监测和继电保护用。

Current transformer type LM-6Q is capable for use of current monitoring and relay protection for H.V. Power distribution devices of flame proof type rated voltage of 6kV and rated frequency of 50Hz.

型号含义 Type designation

L	M	-	6	Q	加强绝缘(enhancement insulated)
					电压等级kV(Voltage class kV)
					母线式(bus type)
					电流互感器(current transformer)

结构简介 Construction

本型互感器为环氧树脂全封闭浇注母线式结构，具有优良的绝缘性能和防潮能力。

This kind of current transformer is of resin casting hermetically sealed and bus type, the product possesses excellent insulation and moisture proof performances.

技术参数 Technical data

- 一次对二次及地工频耐压试验24kV，5分钟无击穿和闪络现象；
 - 二次相互间及地工频耐压试验2kV，1分钟无击穿和闪络现象。
- The product shall be able to withstand power frequency test voltage of 24kV for a duration of 5 minutes between primary winding and secondary winding or earth with out and breakdown and flashover.
 - The product shall be able to withstand power frequency test voltage of 2kV for a duration of 1 minute between secondary windings secondary windings and secondary windings to earth without any breakdown and flashover phenomenon.

额定电流比 Rated transformation ratio(A)	准确级及额定输出(VA) Accuracy class and rated output		准确限值系数 Accuracy limit factor 1S1、1S2	信号电流 Signal current(A) 2S1、2S2
	1S1、1S2 (COS φ=0.8) 10P	2S1、2S2 (COS φ=0.8) -		
	50/5	3.75	25	6
100/5	12			4
150/5	16			5
200/5				
300/5				
400/5				

注：表中打“*”号为一次通以一次电流的2倍，二次产生4A及以上的电流值。

Note: The “*” symbol in the form is 4A and more than 4A and more than 4A current produced from secondary when primary through two times primary current.