

DZ20系列塑料外壳式断路器

DZ20 series moulded case circuit-breaker

低压元件
L.V. Apparatus



用途:

DZ20系列塑料外壳式断路器适用于交流50Hz, 额定电流从16A至630A, 额定工作电压380V及以下的电路中, 一般作配电用。其中Y、J型的额定电流225A和Y型400A的断路器, 亦可作为保护电动机之用。在正常情况下, 断路器可分别作为线路的不频繁转换及电动机的不频繁起动之用。配电用断路器在配电网中用来分配电能且作为线路及电源设备的过载、短路和欠电压保护; 保护电动机用断路器在配电网中作为鼠笼型电动机的起动和运转中分断及作为鼠笼型电动机的过载、短路和欠电压保护。

特点:

- 执行标准: IEC60947-2、GB14048.2

Application:

Dz20 series moulded case circuit-breaker applies to AC 50 Hz, the rated current from 16A to 630A, and the rated working voltage of 380V and below, normally for the purpose of distribution. Of the breakers, the Y-type and J-type 225A and Y-type 400A circuit-breakers can also be used for motor protection. Normally, the circuit-breaker can be used for infrequent circuit switching and infrequent motor starting. In the distributing network, the circuit-breaker for distribution is used to distribute electrical power, and for overload, short-circuit and under-voltage protection of the power equipment. In the distributing network, the circuit-breaker for motor protection is used for breaking in the starting and operating of the squirrel-cage motor, and for overload, short-circuit, and under-voltage protection of the squirrel-cage motor.

Characteristics:

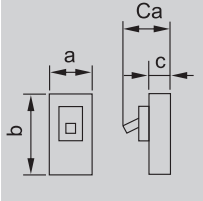
- Implementation of standards: IEC60947-2、GB14048.2

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主要技术参数 Major technical parameters

序号 S/N	项目 Items	单位 Unit	技术参数 Technical Parameters								
			DZ20Y、J-100		DZ20Y、J-225		DZ20Y、J-400		DZ20Y、J-630		
1	壳架等级额定电流 I_{nm} Rated frame current	A	100		225		400		630		
2	极线数 Poles		3P	4P	3P	4P	3P	4P	3P	4P	
3	额定绝缘电压 U_i Rated insulation voltage	V	660								
4	额定电压 U_e Rated voltage	V	380								
5	额定电流 I_n Rated current	A	16、20、25、 32、40、50、 63、80、100		100、125、 160、180、 200、225		200、250、 315、350、 400		400、500、 630		
6	额定极限短路分断能力 I_{cu} Rated ultimate short-circuit breaking capacity	Y	18		25		30		30		
		J	35		42		42		50		
7	额定运行短路分断能力 I_{cs} Rated short-circuit service breaking capacity	Y	14		19		23		23		
		J	18		25		25		25		
8	外型尺寸 Dimension		a	105	140	109	144	☆155/210	☆206/280	210	280
			b	165		257		☆276/268		268	
			c	87		105		☆110/108		108	
			Ca	103		142		☆150/147		147	
9	附件 Accessories	欠电压脱扣器 Under-voltage release	√								
10		分励脱扣器 Shunt release	√								
11		辅助触头 Auxiliary contact	√								
12		报警触头 Alarm contact	√								
13		转动手柄操作机构 Rotary handle operating mechanism	√								

注：有“☆”者，其分子为Y型尺寸，分母为J型尺寸。

Note: For those with the “☆”, the numerator is the Y-type dimension, and the denominator is J-type dimension.