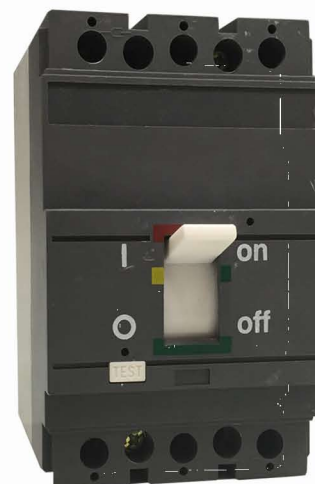


ANM8 Series moulded case circuit breaker

Application

ANM8 product complies with IEC60947-2.

The MCCB, having rated insulation voltage 500V($I_{nm} \leq 160A$) to ($I_{nm} \geq 250A$) is designed to be used for distribution network of having rated current 10A to 1600A, rated operational voltage 380/400V to 660/690, intended for power distribution, protection of electrical equipments and circuits against overload, short-circuit and under voltage, and also for unfrequent switching of electric circuits in most cases. MCCB with frame rating up to and including 400A can be used for unfrequent starting, and interruption of squirrel cage motors, and for protection of motors against overload, short-circuit and under voltage.



ANM8series circuit breakers can be equipped with electric accessories and mechanical accessories, such as under voltage release, shunt release, auxiliary contacts, alarm contact, electric operating mechanism and rotary mechanical operating handle etc.

ANM8series intelligent molded case circuit breakers are equipped with electronic release with the function of protection of electric circuits and equipments not only against overload, short-circuit and under voltage, but also against earthing failure. The intelligent functions of it are: current failure; output of over-current signal and monitoring of circuit breaker open/close, particularly, the intelligent trip unit is designed with interface available for remote measuring, remote adjusting, remote controlling and remote communicating between circuit breakers and computers.

Specification

Type	ANM8-S125	ANM8-S160	ANM8-S250	ANM8-S400	ANM8-S600	
Poles Number	2,3,4	2,3,4	2,3,4	2,3,4	2,3,4	
Rated Current In(A)	16-125	50-160	125-250	250,315,350,400	400,500,630	
Rated working Voltage Ue(V)(50/60Hz)	690/500	690/500	690/500	690/500	690/500	
Rated insulation Voltage Ui(V)	800	800	800	800	800	
Utilisation category	A	A	A	A	A	
Ultimate short-circuit breaking capacity (KA)	AC220V	25	25	50	50	50
	AC230V	25	25	50	50	50
	AC380V	18	18	36	36	36
	AC415V	18	18	36	36	36
	AC440V	11.25	11.25	25	25	25
	AC500V	8	8	20	20	20
AC690V	3	3	5	5	5	
Rated short-circuit service breaking capacity	100	100	75	40	30	

ANM8 Series moulded case circuit breaker

Power loss of moulded case circuit breaker

Rated current of frame size Imn	Three-pole total power loss					
	Fixed version		Plug-in version		Draw-out version	
	Thermomagnetic version	Electronic version	Thermomagnetic version	Electronic version	Thermomagnetic version	Electronic version
125A	25	-	30	-	30	-
160A	30	-	40	-	40	-
250A	50	40	65	55	65	55
400A	135	60	165	90	165	90
800A	225	135	280	190	280	190
1600A		260		360		360

