

HH45/60/61 Universal Accessories

Scope of Application

OF and SD are suitable for auxiliary ON/OFF contact. Can point out the disconnect or put through position of the circuit breaker ,can install on left of the Circuit Breaker .SD is with indication window for alarm.For use as the sound or light signal.Be applicable to instruct coherent broken state of circuit,chassis or front or reverse side of outer shell or operations area can see the signal instruction.Can be used for uniting the warning contact,Standard:IEC40947

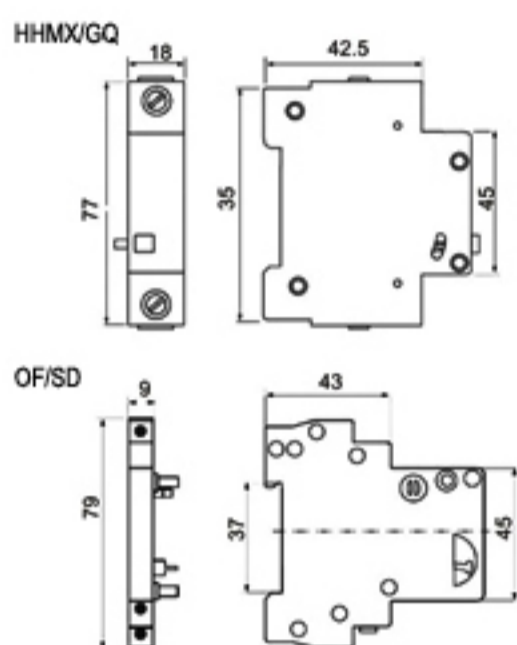
MX SHUNT RELEASE is suitable for telecontrol release,can install on the right of the Circuit Breaker . Be applicable to telecontrol and disconnect electric circuit,connect with fire control warning system.

Telecontrol release by emergent button. Rated Voltage(Un):AC 380V\220V\127V DC:48V\36V\24V.

HHGQ OVER/SHORT VOLTAGE RELEASE is to help the ciucuit breaker trips automatically when voltage decline to lower or raise than setting value. To ensure automatic tripping under situation of over voltage and under voltage MN is under voltage release with loss voltage protection.

Main Technical Parameters

Name	Rated current (A)			Every group's number of contact	Wiring diagram
	AC 380V	AC 220V	DC 110V		
auxiliary contact OF	3	6	1	One normal open One normal close	
alarming contact SD	3	6	1	One normal open One normal close	



2. Technical parameters of shunt release and shunt release with auxiliary contact.

Name	Rated insulation voltage Ui	Rated control power supply voltage US	Power consumption Of release (W or VA)	Attracting voltage	Wiring diagram		
MX+OF shunt release with auxiliary contact	415V	AC/DC: 220~380V 110~220V	240	(0.7~1.1) Us			
		AC/DC: 24~48V	120				
HHMX+OF shunt release with auxiliary contact	415V	AC/DC: 220~380V 110~220V	240	(0.7~1.1) Us			
		AC/DC: 24~48V	120				
		Without Control Power supply	240			(0.7~1.1) Us	
		Without Control Power supply	120				
HHMX shunt release	415V	AC/DC: 220~380V 110~220V	240	(0.7~1.1) Us			
		AC/DC: 24~48V	120				

3. Technical parameters of overvoltage,undervoltage,over-undervoltage release and loss-voltage protection device

Name	Rated working voltage Ue	Act voltage	Wiring diagram
HHG Overvoltage release	AC:Un=230V (over voltage)	275V±5%	
HHQ Undervoltage Release	AC:230V (under voltage)	(0.35~0.75)Ue	
HHGQ Over-undervoltage release	AC:Un=230V (over-under voltage)	Overvoltage: 275V±5% Undervoltage:170±7V	
MN under+loss protection device	AC:230V、48V DC:48V	(0.35~0.75)Ue	

