



IP66/68 Waterproof Residual Current Protective Device



Features

- **IP66 & IP68** class waterproof enclosure, the breaker is capable to function normally under humid environment. (IP66: Water splashing proof ; IP68: Sealed water proof, highest level)
- **Breathable film technology** to exclude bad influence caused by high humidity and large temperature difference in harsh environment.
- **IK10 impact capability** certified by **TUV**, the breaker won't be damaged or reduced the waterproof level from external impact.
- Variety fixed and adjustable sensitivity level and rated current available.
- Metal shaft member used in waterproof enclosure to ensure its durability, to prevent the enclosure from deforming which affects the waterproof level.
- Security sealing hole on enclosure is designed to secure the settings of breaker being changed by unauthorized personnel.

Application/ Sites

Street lights,
Outdoor landscape lights,
any location or humid environment that need leakage protection.

Certification

Waterproof box: TUV certification
IP66 、 IP68 、 IK10

Specification | Waterproof Residual Current Protective Device



Model		BHK71	BHK71A	BHK73	BHK73A	BHK74	BHK74A	BHK72	BHK72A
IP Class	IEC 60529	IP 68	IP 66	IP 68	IP 66	IP 68	IP 66	IP 68	IP 66
	IEC 62262	IK 10							
Circuit Breaker	Model	BLP-50UL		BLP-50L		NV-52UB		BL-BF	
	Standard	IEC61009		IEC61009		IEC61009		IEC61008	
Protection		Earth Leakage, Overload, Short Circuit		Earth Leakage, Overload, Short Circuit		Earth Leakage, Overload, Short Circuit		Earth Leakage	
Frame Size (AF)		50		50		30		30	30
Rated Current In (A)(AT) Ambient Temperature 40°C		15、20、30、40、50		15、20、30、40、50		15、20、30		15、20、30	15、20、30
Pole (P)		2P2E		2P2E		2P2E		2P	
Wiring		1Ø2W		1Ø2W		1Ø2W		1Ø2W	
Rated Voltage (A.C.)		220~240V		220~240V		220~240V		110、220~240V	
Sensitivity I Δ n (mA)	Adj.	30-100-300-500		30-100-300-500		30-100-300-500		-	
	Fixed	30, 100, (*)		30, 100, (*)		30, 100, (*)		30, 100, (*)	
Non-Operating Current (mA)		50% I Δ n							
Max. Operating Time (s)		≤ 0.1							
Frequency (Hz)		50 / 60							
Dimension		a	94.8	94.8	53	94.8			
		b	130	130	134	130			
		c	96.1	96.1	93	96.1			
		aa	38	38	20	38			
		ba	10	10	10	10			
		bb	200	200	200	200			
Weight (g)		605 \pm 5		605 \pm 5		250 \pm 5		377 \pm 5	
Rated Breaking Capacity (kA) AC	220/240V	10		5		10		-	
Rated Short Time Current (kA) AC	110~240V	-		-	-	-		1.5	1.5
Overload Protection Trip Unit		Thermal Magnetic		Thermal Magnetic		Thermal Magnetic		-	
Earth Leakage Trip Unit		Electronic							

Note. Sensitivity Current() : For other sensitivity current, please contact us.

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