

Fire Rated Junction Boxes

BKP-3 Fire Rated Junction Box

(technical data brief)



Features and Benefits

- Models in sheet steel or plastic enclosure.
- Powder coating protection of the metallic surface.
- High temperature ceramic terminals.
- Stainless steel electrical contacts.
- Making branches (spurs) and the trunk extension without cutting the main cable core
- Well-ordered wire arrangement
- 17 versions available.

BKP-3 Fire Rated Junction Boxes are designed for use in power supply and signal cable lines of fire protection systems.

BKP-3 Fire Rated Junction Boxes are used for making trunk cable branches and extension, electrical equipment connecting to the trunk cable. BKP-3 Fire Rated Junction Boxes provide transmission of electrical signals through the fire to undamaged parts of the building, transmission of electric power to equipment that must function during firefighting and rescue operations.

BKP-3 Fire Rated Junction Box

Table 1.BKP-3 Fire Rated Junction Box technical data

Model name	Terminal number	Rated insulation voltage	Enclosure material	IP rating	Dimensions, mm	Weight, g
BKP-3.4	4	DC 50 V/AC 120 V	Steel	IP33	183 x 130 x 40	590
BKP-3.6	6	DC 50 V/AC 120 V	Steel	IP33	183 x 130 x 40	690
BKP-3.8	8	DC 50 V/AC 120 V	Steel	IP33	254 x 130 x 40	900
BKP-3.10	10	DC 50 V/AC 120 V	Steel	IP33	254 x 130 x 40	1010
BKP-3.4B	4	AC 380 V	Steel	IP33	183 x 130 x 40	600
BKP-3.6B	6	AC 380 V	Steel	IP33	183 x 130 x 40	700
BKP-3.8B	8	AC 380 V	Steel	IP33	254 x 130 x 40	910
BKP-3.10V	10	AC 380 V	Steel	IP33	254 x 130 x 40	1020
BKP-3.4P (IP54 vers)	4	AC 380 V	Plastic	IP54	151 x 102 x 61	370
BKP-3.4P (IP65 vers)	4	AC 380 V	Plastic	IP65	151 x 102 x 61	340
BKP-3.6P (IP54 vers)	6	AC 380 V	Plastic	IP54	151 x 102 x 61	380
BKP-3.6P (IP65 vers)	6	AC 380 V	Plastic	IP65	151 x 102 x 61	490
BKP-3.8P	8	AC 380 V	Plastic	IP65	240 x 166 x 77	500
BKP-3.10P	10	AC 380 V	Plastic	IP65	240 x 166 x 77	900
BKP-3.4A	4	DC 50 V/AC 120 V	Steel	IP33	183 x 130 x 40	590
BKP-3.4AP (IP54 vers)	4	DC 50 V/AC 120 V	Plastic	IP54	151 x 102 x 61	380
BKP-3.4AP (IP65 vers)	4	DC 50 V/AC 120 V	Plastic	IP65	151 x 102 x 61	390
Functional integrity (according to ДБН В.2.5-56:2014)		P30 (E30) for BKP-3.4A, BKP-3.4AП, P90 (E90) for other models				
Conductor cross section		0,5 mm ² - 6,0 mm ²				
Cable entry/exit: - small steel enclosure - big steel enclosure - small plastic enclosure - middle plastic enclosure - big plastic enclosure		Ø 16 mm (8 openings), Ø 6,4 mm (2 openings) Ø 16 mm (12 openings), Ø 6,4 mm (2 openings) Ø 28 mm (6 openings) Ø 25 mm (10 openings) Ø 35 mm (10 openings)				
Operating temperature Humidity		-10 °C to +65 °C up to 95 % (non-condensing)				
Average service life		10 years				

Note to the table 1. Index meaning in the name of the BKP-3 model:

"A" - for use in fire alarm notification appliance, functional integrity E30, with ceramic resistors;

"B" - high-voltage (up to 380 V) in a steel enclosure;

"P" - high voltage (up to 380 V) in a plastic enclosure;

no index - low-voltage in a steel enclosure.



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Table 2. BKP-3 Fire Rated Junction Box models



BKP-3.4



BKP-3.6



BKP-3.8



BKP-3.10



BKP-3.4B



BKP-3.6B



BKP-3.8B



BKP-3.10B



BKP-3.4P (IP54 vers.)

BKP-3 Fire Rated Junction Box

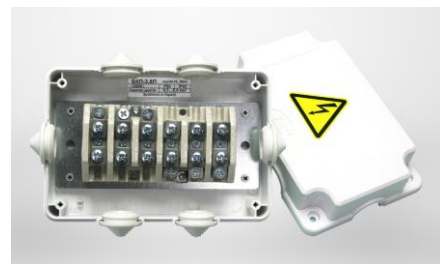
Table 2 (continuation). BKP-3 Fire Rated Junction Box models



BKP-3.4P (IP65 vers.)



BKP-3.6P (IP54 vers.)



BKP-3.6P (IP65 vers.)



BKP-3.8P



BKP-3.10P



BKP-3.4A



BKP-3.4AP (IP54 vers.)



BKP-3.4AP (IP65 vers.)



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