

GSB2-32N系列小型断路器

GSB2-32N Series Miniature Circuit Breaker

——配电电器产品名录 2013

安全 智能 环保



CE UL CCC TÜV CB RoHS
ISO9001 ISO14001 OHSAS18001

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>> 用途 APPLICATION

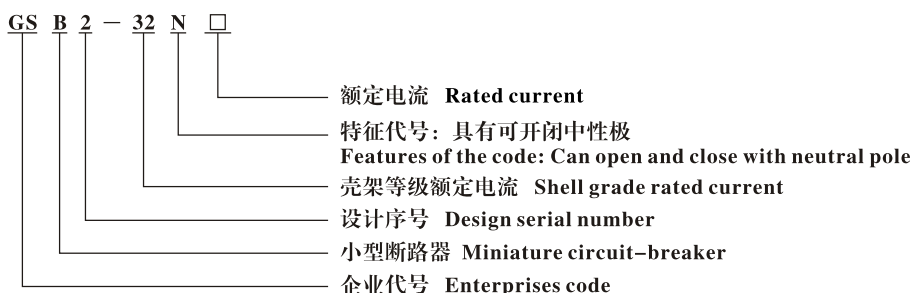
GSB2-32N系列小型断路器适用于交流50Hz/60Hz，额定电压至240V，额定电流32A及以下的单相住宅线路中，对电路的过载和短路进行保护。

GSB2-32N series miniature circuit breaker are used in AC 50Hz/60Hz, rated voltage to 240V, rated current of 32A and below the single-phase residential lines, on the circuit overload and short circuit protection.

>> 结构特点 STRUCTURAL CHARACTERISTICS

- 产品体积小，重量轻，分断能力高，宽度仅18mm，有一个保护极和可开闭中性极。
Products small size, light weight, high-breaking capacity, only the width of 18mm, there is a protection of a pole and opening and closing can be neutral pole.
- 产品符合IEC60898-1，GB10963.1等标准。
Products accord with the IEC60898-1, GB10963.1 standards.

>> 型号及含义 TYPE AND MEANING



>> 主要技术参数 MAIN TECHNICAL PARAMETERS

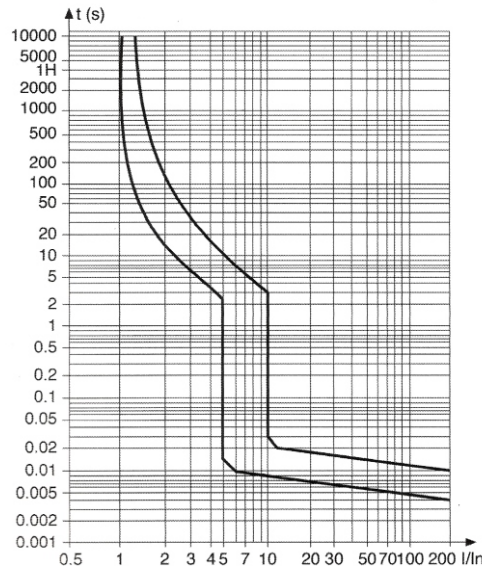
■ 基本参数 Basic parameters

额定电流 rated current (A)	极数 pole	壳架等级 额定电流 Shell grade rated current (A)	额定电压 Rated voltage (V)	额定短路分断能力 Breaking capacity of rated short-circuit		机械寿命 Machine life (次Meeting)
				试验线路预期电流 Trial line is expected to current (A)	功率因数 Power factor	
6、10、16、 20、25、32	1P+N	32	240	4500	0.75~0.80	20000

过电流脱扣特性表 Over-current release characteristics of table

试验电流 Testing current	额定电流 Rated current (A)	规定时间 Order time	预期结果 Expectancy ending	起始状态 Initial state	基准温度 Benchmark temperature	备注 Note
1.13I _n	6、10、 16、20、 25、32	t ≤ 1h	不脱扣 not release	冷态 cold state	30℃	电流在5s内稳定地升至规定值 current improve to order value in 5s
1.45I _n		t < 1h	脱扣 Release	热态 hot state		
2.55I _n		1s < t < 60s	脱扣 Release	冷态 cold state		
5I _n		t ≤ 0.1s	不脱扣 not release	冷态 cold state		
10I _n		t < 0.1s	脱扣 Release	冷态 cold state		

动作特性曲线 Action characteristic curve



>> 工作条件与安装条件

WORKING CONDITION AND INSTALLATION CONDITION

正常工作条件 Normal working conditions

△ 环境温度：-5℃ ~ +40℃，且其24h内的平均温度值不超过+35℃。

Environment temperature : -5℃ ~ +40℃, the average hours of temperature exceeding +35℃ during 24 hours.

△ 安装地点的海拔不超过2000m。 Elevation: ≤2000m

△ 在最高温度为+40℃时，空气的相对湿度不超过50%。在较低温度下可以允许较高的相对湿度，例如+20℃时达90%。对由于温度变化偶尔产生的凝露应采取适当的措施。

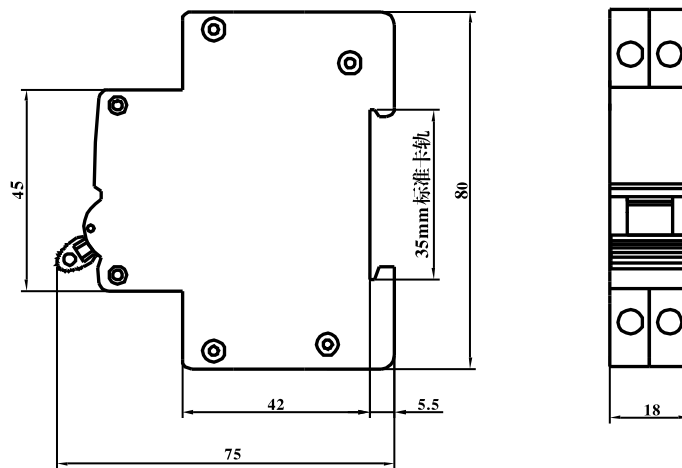
No exceeding 50% at the maximum ambient temperature of 40℃.with lower temperature, higher humidity would be permitted, for example ,with temperature 20℃, the humidity can exceed 90%.Take the special measure to the dews on the surface, which would appear due to temperature change

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- △ 在无爆炸危险的介质中，且介质无足以腐蚀金属和破坏绝缘的气体 and 导电尘埃的地方。
In no danger of an explosion of media and media without sufficient metal corrosion and insulation damage to the electrical conductivity of gases and dust where.
- △ 污染等级2。Pollution protection: Grade 2.
- 安装条件 Installation condition
- △ 安装类别III。Installing categories: Class III
- △ 安装于配电箱、配电柜或盒中。Install in distribution cabinets、distribution drawer or box.
- △ 采用35mm的标准卡轨安装，安装面于垂直面的倾斜度不大于5度。
Mounted by 35mm standard rail track. The tilt gradient between installation face and vertical face should $\leq 5^\circ$.
- △ 安装处应无显著冲击和振动。
Products should be used in no significant impact and vibration place.

>> 外形及安装尺寸

UTLINE AND INSTALLATION DIMENSIONS



>> 使用与维护 USE AND MAINTENANCE

- △ 按端子标识接线，相线和N线不能接反，接线端子紧固导线。
According to the wiring terminals logo, with leg of a circuit and N lines can not take anti, fastening wire terminals.
- △ 接线采用带夹头的接线端子。
Chuck connection with the use of terminal blocks.
- △ 本产品为非维护型，不允许用户自行调整。
This product is a non-maintenance type, does not allow users to adjust

>> 订货须知 ORDER NOTICE

- △ 订货时需指明产品型号、规格及数量
In order you need attention the type、character and volume.
如：GSB2-32N 25A 500台 Example: GSB2-32N 25A 500sets.