



DZ30-32

DZ30-32 Series Miniature Circuit Breaker

1. Application

DZ30-32 is used in the single phase circuit of AC 50/60Hz, rated voltage 230V or below for protecting circuit from overload and short circuit. This product has advantages of high breaking capacity, small volume, width is only 18mm. It conforms with the standards of IEC60898.

2. Main Technical Parameter

| Type | DZ30-32 | |
|--|------------------|--|
| Pole | 1P+N | |
| Rated current (A) | 6,10,16,20,25,32 | |
| Rated voltage(V) | 230 | |
| Type of instantaneous release | С | |
| Rated short circuit breaking capacity lcn(A) | 4500 | |

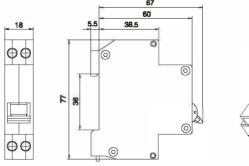
3. Applicable Conducting Wire

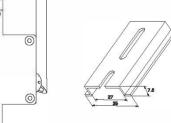
| Rated current(A) | Norminal cross section of wire mm ² | | |
|--|--|--|--|
| In ≤ 6 | 11: | | |
| 6 <ln 13<="" td="" ≤=""><td>1.5</td></ln> | 1.5 | | |
| 13 <in 20<="" td="" ≤=""><td colspan="3">2.5</td></in> | 2.5 | | |
| 20 <in 25<="" td="" ≤=""><td>4</td></in> | 4 | | |
| 25 <in 32<="" td="" ≤=""><td>6</td></in> | 6 | | |

4. The Over-current Protection Property

| Ambient temperature | Initial status | Test current | Test time | Expected result | Note |
|---------------------|---|--------------|--|-----------------|---|
| | Cold position | 1.13ln | t ≤ 1h | Non-release | _ |
| 30±2°C | Carried out immediately after previous test | 1.45ln | t<1h | Release | _ |
| | Cold position | 2.55ln | 1s <t<60s< td=""><td>Release</td><td>Current smoothly rises to specified value within 5s</td></t<60s<> | Release | Current smoothly rises to specified value within 5s |
| -5~+40°C | Cold position | 5ln | t ≥ 0.1s | Non-release | Type C |
| | Cold position | 10ln | t<0.1s | Release | Type C |

5. Dimension







DZ30N-32