

Wyłączniki nadprądowe Ex9BN, 6 kA

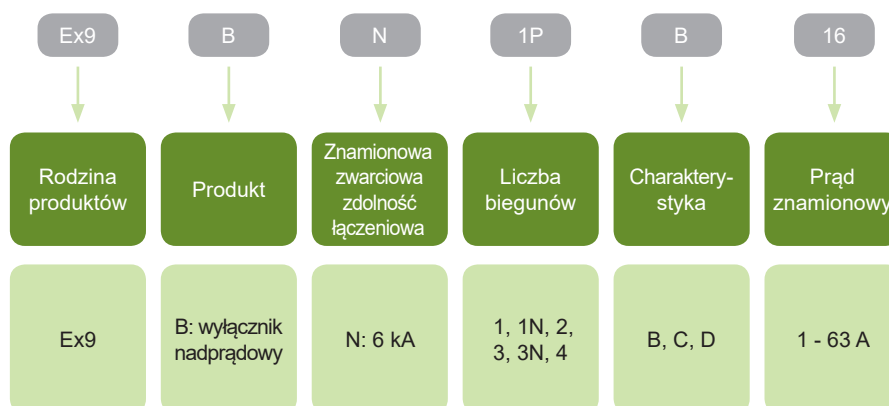


- Wyłączniki nadprądowe zgodne z IEC / EN 60898-1 i IEC/EN 60947-2
- Znamionowa zwarciova zdolność łączeniowa I_{cn} 6 kA
- 1 do 4 biegunów
- Charakterystyki wyzwalania B, C, D
- Prąd znamionowy do 63 A
- Napięcie znamionowe łączeniowe 230/400 V AC, 48 V DC (na biegun)
- Szeroki wybór akcesoriów

Ex9BN wyłączniki nadprądowe są przeznaczone do zastosowań domowych i przemysłowych. Mogą być łączone z szeroką gamą akcesoriów, w tym ze stykami pomocniczymi, stykami pomocniczymi zadziałania, wyzwalaczami wzrostowymi, podnapięciowymi oraz nadnapięciowymi lub blokami różnicowoprądowymi.

Możliwe jest tworzenie różnorodnych kombinacji akcesoriów. Kombinacje te ograniczone są jedynie przez całkowitą liczbę, a nie rodzaj akcesoriów – wszystkie elementy pasują do siebie. Można zamontować do trzech jednostek styków pomocniczych lub styków pomocniczych zadziałania oraz do dwóch jednostek wyzwalaczy.

Klucz doboru



Certyfikaty



Wyłączniki nadprądowe Ex9BN, 6 kA

Charakterystyka B, 1-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 1 | B | 100000 | Ex9BN 1P B1 | 1/12/144 |
| 2 A | 1 | B | 100001 | Ex9BN 1P B2 | 1/12/144 |
| 3 A | 1 | B | 100002 | Ex9BN 1P B3 | 1/12/144 |
| 4 A | 1 | B | 100003 | Ex9BN 1P B4 | 1/12/144 |
| 6 A | 1 | B | 100004 | Ex9BN 1P B6 | 1/12/144 |
| 8 A | 1 | B | 100005 | Ex9BN 1P B8 | 1/12/144 |
| 10 A | 1 | B | 100006 | Ex9BN 1P B10 | 1/12/144 |
| 13 A | 1 | B | 100007 | Ex9BN 1P B13 | 1/12/144 |
| 16 A | 1 | B | 100008 | Ex9BN 1P B16 | 1/12/144 |
| 20 A | 1 | B | 100009 | Ex9BN 1P B20 | 1/12/144 |
| 25 A | 1 | B | 100010 | Ex9BN 1P B25 | 1/12/144 |
| 32 A | 1 | B | 100011 | Ex9BN 1P B32 | 1/12/144 |
| 40 A | 1 | B | 100012 | Ex9BN 1P B40 | 1/12/144 |
| 50 A | 1 | B | 100013 | Ex9BN 1P B50 | 1/12/144 |
| 63 A | 1 | B | 100014 | Ex9BN 1P B63 | 1/12/144 |

Charakterystyka B, 1+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 1+N | B | 100015 | Ex9BN 1PN B1 | 1/6/72 |
| 2 A | 1+N | B | 100016 | Ex9BN 1PN B2 | 1/6/72 |
| 3 A | 1+N | B | 100017 | Ex9BN 1PN B3 | 1/6/72 |
| 4 A | 1+N | B | 100018 | Ex9BN 1PN B4 | 1/6/72 |
| 6 A | 1+N | B | 100019 | Ex9BN 1PN B6 | 1/6/72 |
| 8 A | 1+N | B | 100020 | Ex9BN 1PN B8 | 1/6/72 |
| 10 A | 1+N | B | 100021 | Ex9BN 1PN B10 | 1/6/72 |
| 13 A | 1+N | B | 100022 | Ex9BN 1PN B13 | 1/6/72 |
| 16 A | 1+N | B | 100023 | Ex9BN 1PN B16 | 1/6/72 |
| 20 A | 1+N | B | 100024 | Ex9BN 1PN B20 | 1/6/72 |
| 25 A | 1+N | B | 100025 | Ex9BN 1PN B25 | 1/6/72 |
| 32 A | 1+N | B | 100026 | Ex9BN 1PN B32 | 1/6/72 |
| 40 A | 1+N | B | 100027 | Ex9BN 1PN B40 | 1/6/72 |
| 50 A | 1+N | B | 100028 | Ex9BN 1PN B50 | 1/6/72 |
| 63 A | 1+N | B | 100029 | Ex9BN 1PN B63 | 1/6/72 |

Charakterystyka B, 2-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 2 | B | 100030 | Ex9BN 2P B1 | 1/6/72 |
| 2 A | 2 | B | 100031 | Ex9BN 2P B2 | 1/6/72 |
| 3 A | 2 | B | 100032 | Ex9BN 2P B3 | 1/6/72 |
| 4 A | 2 | B | 100033 | Ex9BN 2P B4 | 1/6/72 |
| 6 A | 2 | B | 100034 | Ex9BN 2P B6 | 1/6/72 |
| 8 A | 2 | B | 100035 | Ex9BN 2P B8 | 1/6/72 |
| 10 A | 2 | B | 100036 | Ex9BN 2P B10 | 1/6/72 |
| 13 A | 2 | B | 100037 | Ex9BN 2P B13 | 1/6/72 |
| 16 A | 2 | B | 100038 | Ex9BN 2P B16 | 1/6/72 |
| 20 A | 2 | B | 100039 | Ex9BN 2P B20 | 1/6/72 |
| 25 A | 2 | B | 100040 | Ex9BN 2P B25 | 1/6/72 |
| 32 A | 2 | B | 100041 | Ex9BN 2P B32 | 1/6/72 |
| 40 A | 2 | B | 100042 | Ex9BN 2P B40 | 1/6/72 |
| 50 A | 2 | B | 100043 | Ex9BN 2P B50 | 1/6/72 |
| 63 A | 2 | B | 100044 | Ex9BN 2P B63 | 1/6/72 |

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Charakterystyka B, 3-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 3 | B | 100045 | Ex9BN 3P B1 | 1/4/48 |
| 2 A | 3 | B | 100046 | Ex9BN 3P B2 | 1/4/48 |
| 3 A | 3 | B | 100047 | Ex9BN 3P B3 | 1/4/48 |
| 4 A | 3 | B | 100048 | Ex9BN 3P B4 | 1/4/48 |
| 6 A | 3 | B | 100049 | Ex9BN 3P B6 | 1/4/48 |
| 8 A | 3 | B | 100050 | Ex9BN 3P B8 | 1/4/48 |
| 10 A | 3 | B | 100051 | Ex9BN 3P B10 | 1/4/48 |
| 13 A | 3 | B | 100052 | Ex9BN 3P B13 | 1/4/48 |
| 16 A | 3 | B | 100053 | Ex9BN 3P B16 | 1/4/48 |
| 20 A | 3 | B | 100054 | Ex9BN 3P B20 | 1/4/48 |
| 25 A | 3 | B | 100055 | Ex9BN 3P B25 | 1/4/48 |
| 32 A | 3 | B | 100056 | Ex9BN 3P B32 | 1/4/48 |
| 40 A | 3 | B | 100057 | Ex9BN 3P B40 | 1/4/48 |
| 50 A | 3 | B | 100058 | Ex9BN 3P B50 | 1/4/48 |
| 63 A | 3 | B | 100059 | Ex9BN 3P B63 | 1/4/48 |

Charakterystyka B, 3+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 3+N | B | 100060 | Ex9BN 3PN B1 | 1/3/36 |
| 2 A | 3+N | B | 100061 | Ex9BN 3PN B2 | 1/3/36 |
| 3 A | 3+N | B | 100062 | Ex9BN 3PN B3 | 1/3/36 |
| 4 A | 3+N | B | 100063 | Ex9BN 3PN B4 | 1/3/36 |
| 6 A | 3+N | B | 100064 | Ex9BN 3PN B6 | 1/3/36 |
| 8 A | 3+N | B | 100065 | Ex9BN 3PN B8 | 1/3/36 |
| 10 A | 3+N | B | 100066 | Ex9BN 3PN B10 | 1/3/36 |
| 13 A | 3+N | B | 100067 | Ex9BN 3PN B13 | 1/3/36 |
| 16 A | 3+N | B | 100068 | Ex9BN 3PN B16 | 1/3/36 |
| 20 A | 3+N | B | 100069 | Ex9BN 3PN B20 | 1/3/36 |
| 25 A | 3+N | B | 100070 | Ex9BN 3PN B25 | 1/3/36 |
| 32 A | 3+N | B | 100071 | Ex9BN 3PN B32 | 1/3/36 |
| 40 A | 3+N | B | 100072 | Ex9BN 3PN B40 | 1/3/36 |
| 50 A | 3+N | B | 100073 | Ex9BN 3PN B50 | 1/3/36 |
| 63 A | 3+N | B | 100074 | Ex9BN 3PN B63 | 1/3/36 |

Charakterystyka B, 4-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 4 | B | 100075 | Ex9BN 4P B1 | 1/3/36 |
| 2 A | 4 | B | 100076 | Ex9BN 4P B2 | 1/3/36 |
| 3 A | 4 | B | 100077 | Ex9BN 4P B3 | 1/3/36 |
| 4 A | 4 | B | 100078 | Ex9BN 4P B4 | 1/3/36 |
| 6 A | 4 | B | 100079 | Ex9BN 4P B6 | 1/3/36 |
| 8 A | 4 | B | 100080 | Ex9BN 4P B8 | 1/3/36 |
| 10 A | 4 | B | 100081 | Ex9BN 4P B10 | 1/3/36 |
| 13 A | 4 | B | 100082 | Ex9BN 4P B13 | 1/3/36 |
| 16 A | 4 | B | 100083 | Ex9BN 4P B16 | 1/3/36 |
| 20 A | 4 | B | 100084 | Ex9BN 4P B20 | 1/3/36 |
| 25 A | 4 | B | 100085 | Ex9BN 4P B25 | 1/3/36 |
| 32 A | 4 | B | 100086 | Ex9BN 4P B32 | 1/3/36 |
| 40 A | 4 | B | 100087 | Ex9BN 4P B40 | 1/3/36 |
| 50 A | 4 | B | 100088 | Ex9BN 4P B50 | 1/3/36 |
| 63 A | 4 | B | 100089 | Ex9BN 4P B63 | 1/3/36 |

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Charakterystyka C, 1-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 1 | C | 100090 | Ex9BN 1P C1 | 1/12/144 |
| 2 A | 1 | C | 100091 | Ex9BN 1P C2 | 1/12/144 |
| 3 A | 1 | C | 100092 | Ex9BN 1P C3 | 1/12/144 |
| 4 A | 1 | C | 100093 | Ex9BN 1P C4 | 1/12/144 |
| 6 A | 1 | C | 100094 | Ex9BN 1P C6 | 1/12/144 |
| 8 A | 1 | C | 100095 | Ex9BN 1P C8 | 1/12/144 |
| 10 A | 1 | C | 100096 | Ex9BN 1P C10 | 1/12/144 |
| 13 A | 1 | C | 100097 | Ex9BN 1P C13 | 1/12/144 |
| 16 A | 1 | C | 100098 | Ex9BN 1P C16 | 1/12/144 |
| 20 A | 1 | C | 100099 | Ex9BN 1P C20 | 1/12/144 |
| 25 A | 1 | C | 100100 | Ex9BN 1P C25 | 1/12/144 |
| 32 A | 1 | C | 100101 | Ex9BN 1P C32 | 1/12/144 |
| 40 A | 1 | C | 100102 | Ex9BN 1P C40 | 1/12/144 |
| 50 A | 1 | C | 100103 | Ex9BN 1P C50 | 1/12/144 |
| 63 A | 1 | C | 100104 | Ex9BN 1P C63 | 1/12/144 |

Charakterystyka C, 1+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 1+N | C | 100105 | Ex9BN 1PN C1 | 1/6/72 |
| 2 A | 1+N | C | 100106 | Ex9BN 1PN C2 | 1/6/72 |
| 3 A | 1+N | C | 100107 | Ex9BN 1PN C3 | 1/6/72 |
| 4 A | 1+N | C | 100108 | Ex9BN 1PN C4 | 1/6/72 |
| 6 A | 1+N | C | 100109 | Ex9BN 1PN C6 | 1/6/72 |
| 8 A | 1+N | C | 100110 | Ex9BN 1PN C8 | 1/6/72 |
| 10 A | 1+N | C | 100111 | Ex9BN 1PN C10 | 1/6/72 |
| 13 A | 1+N | C | 100112 | Ex9BN 1PN C13 | 1/6/72 |
| 16 A | 1+N | C | 100113 | Ex9BN 1PN C16 | 1/6/72 |
| 20 A | 1+N | C | 100114 | Ex9BN 1PN C20 | 1/6/72 |
| 25 A | 1+N | C | 100115 | Ex9BN 1PN C25 | 1/6/72 |
| 32 A | 1+N | C | 100116 | Ex9BN 1PN C32 | 1/6/72 |
| 40 A | 1+N | C | 100117 | Ex9BN 1PN C40 | 1/6/72 |
| 50 A | 1+N | C | 100118 | Ex9BN 1PN C50 | 1/6/72 |
| 63 A | 1+N | C | 100119 | Ex9BN 1PN C63 | 1/6/72 |

Charakterystyka C, 2-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 2 | C | 100120 | Ex9BN 2P C1 | 1/6/72 |
| 2 A | 2 | C | 100121 | Ex9BN 2P C2 | 1/6/72 |
| 3 A | 2 | C | 100122 | Ex9BN 2P C3 | 1/6/72 |
| 4 A | 2 | C | 100123 | Ex9BN 2P C4 | 1/6/72 |
| 6 A | 2 | C | 100124 | Ex9BN 2P C6 | 1/6/72 |
| 8 A | 2 | C | 100125 | Ex9BN 2P C8 | 1/6/72 |
| 10 A | 2 | C | 100126 | Ex9BN 2P C10 | 1/6/72 |
| 13 A | 2 | C | 100127 | Ex9BN 2P C13 | 1/6/72 |
| 16 A | 2 | C | 100128 | Ex9BN 2P C16 | 1/6/72 |
| 20 A | 2 | C | 100129 | Ex9BN 2P C20 | 1/6/72 |
| 25 A | 2 | C | 100130 | Ex9BN 2P C25 | 1/6/72 |
| 32 A | 2 | C | 100131 | Ex9BN 2P C32 | 1/6/72 |
| 40 A | 2 | C | 100132 | Ex9BN 2P C40 | 1/6/72 |
| 50 A | 2 | C | 100133 | Ex9BN 2P C50 | 1/6/72 |
| 63 A | 2 | C | 100134 | Ex9BN 2P C63 | 1/6/72 |

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Charakterystyka C, 3-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 3 | C | 100135 | Ex9BN 3P C1 | 1/4/48 |
| 2 A | 3 | C | 100136 | Ex9BN 3P C2 | 1/4/48 |
| 3 A | 3 | C | 100137 | Ex9BN 3P C3 | 1/4/48 |
| 4 A | 3 | C | 100138 | Ex9BN 3P C4 | 1/4/48 |
| 6 A | 3 | C | 100139 | Ex9BN 3P C6 | 1/4/48 |
| 8 A | 3 | C | 100140 | Ex9BN 3P C8 | 1/4/48 |
| 10 A | 3 | C | 100141 | Ex9BN 3P C10 | 1/4/48 |
| 13 A | 3 | C | 100142 | Ex9BN 3P C13 | 1/4/48 |
| 16 A | 3 | C | 100143 | Ex9BN 3P C16 | 1/4/48 |
| 20 A | 3 | C | 100144 | Ex9BN 3P C20 | 1/4/48 |
| 25 A | 3 | C | 100145 | Ex9BN 3P C25 | 1/4/48 |
| 32 A | 3 | C | 100146 | Ex9BN 3P C32 | 1/4/48 |
| 40 A | 3 | C | 100147 | Ex9BN 3P C40 | 1/4/48 |
| 50 A | 3 | C | 100148 | Ex9BN 3P C50 | 1/4/48 |
| 63 A | 3 | C | 100149 | Ex9BN 3P C63 | 1/4/48 |

Charakterystyka C, 3+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 3+N | C | 100150 | Ex9BN 3PN C1 | 1/3/36 |
| 2 A | 3+N | C | 100151 | Ex9BN 3PN C2 | 1/3/36 |
| 3 A | 3+N | C | 100152 | Ex9BN 3PN C3 | 1/3/36 |
| 4 A | 3+N | C | 100153 | Ex9BN 3PN C4 | 1/3/36 |
| 6 A | 3+N | C | 100154 | Ex9BN 3PN C6 | 1/3/36 |
| 8 A | 3+N | C | 100155 | Ex9BN 3PN C8 | 1/3/36 |
| 10 A | 3+N | C | 100156 | Ex9BN 3PN C10 | 1/3/36 |
| 13 A | 3+N | C | 100157 | Ex9BN 3PN C13 | 1/3/36 |
| 16 A | 3+N | C | 100158 | Ex9BN 3PN C16 | 1/3/36 |
| 20 A | 3+N | C | 100159 | Ex9BN 3PN C20 | 1/3/36 |
| 25 A | 3+N | C | 100160 | Ex9BN 3PN C25 | 1/3/36 |
| 32 A | 3+N | C | 100161 | Ex9BN 3PN C32 | 1/3/36 |
| 40 A | 3+N | C | 100162 | Ex9BN 3PN C40 | 1/3/36 |
| 50 A | 3+N | C | 100163 | Ex9BN 3PN C50 | 1/3/36 |
| 63 A | 3+N | C | 100164 | Ex9BN 3PN C63 | 1/3/36 |

Charakterystyka C, 4-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 4 | C | 100165 | Ex9BN 4P C1 | 1/3/36 |
| 2 A | 4 | C | 100166 | Ex9BN 4P C2 | 1/3/36 |
| 3 A | 4 | C | 100167 | Ex9BN 4P C3 | 1/3/36 |
| 4 A | 4 | C | 100168 | Ex9BN 4P C4 | 1/3/36 |
| 6 A | 4 | C | 100169 | Ex9BN 4P C6 | 1/3/36 |
| 8 A | 4 | C | 100170 | Ex9BN 4P C8 | 1/3/36 |
| 10 A | 4 | C | 100171 | Ex9BN 4P C10 | 1/3/36 |
| 13 A | 4 | C | 100172 | Ex9BN 4P C13 | 1/3/36 |
| 16 A | 4 | C | 100173 | Ex9BN 4P C16 | 1/3/36 |
| 20 A | 4 | C | 100174 | Ex9BN 4P C20 | 1/3/36 |
| 25 A | 4 | C | 100175 | Ex9BN 4P C25 | 1/3/36 |
| 32 A | 4 | C | 100176 | Ex9BN 4P C32 | 1/3/36 |
| 40 A | 4 | C | 100177 | Ex9BN 4P C40 | 1/3/36 |
| 50 A | 4 | C | 100178 | Ex9BN 4P C50 | 1/3/36 |
| 63 A | 4 | C | 100179 | Ex9BN 4P C63 | 1/3/36 |

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Charakterystyka D, 1-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 1 | D | 100180 | Ex9BN 1P D1 | 1/12/144 |
| 2 A | 1 | D | 100181 | Ex9BN 1P D2 | 1/12/144 |
| 3 A | 1 | D | 100182 | Ex9BN 1P D3 | 1/12/144 |
| 4 A | 1 | D | 100183 | Ex9BN 1P D4 | 1/12/144 |
| 6 A | 1 | D | 100184 | Ex9BN 1P D6 | 1/12/144 |
| 8 A | 1 | D | 100185 | Ex9BN 1P D8 | 1/12/144 |
| 10 A | 1 | D | 100186 | Ex9BN 1P D10 | 1/12/144 |
| 13 A | 1 | D | 100187 | Ex9BN 1P D13 | 1/12/144 |
| 16 A | 1 | D | 100188 | Ex9BN 1P D16 | 1/12/144 |
| 20 A | 1 | D | 100189 | Ex9BN 1P D20 | 1/12/144 |
| 25 A | 1 | D | 100190 | Ex9BN 1P D25 | 1/12/144 |
| 32 A | 1 | D | 100191 | Ex9BN 1P D32 | 1/12/144 |
| 40 A | 1 | D | 100192 | Ex9BN 1P D40 | 1/12/144 |
| 50 A | 1 | D | 100193 | Ex9BN 1P D50 | 1/12/144 |
| 63 A | 1 | D | 100194 | Ex9BN 1P D63 | 1/12/144 |

Charakterystyka D, 1+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 1+N | D | 100195 | Ex9BN 1PN D1 | 1/6/72 |
| 2 A | 1+N | D | 100196 | Ex9BN 1PN D2 | 1/6/72 |
| 3 A | 1+N | D | 100197 | Ex9BN 1PN D3 | 1/6/72 |
| 4 A | 1+N | D | 100198 | Ex9BN 1PN D4 | 1/6/72 |
| 6 A | 1+N | D | 100199 | Ex9BN 1PN D6 | 1/6/72 |
| 8 A | 1+N | D | 100200 | Ex9BN 1PN D8 | 1/6/72 |
| 10 A | 1+N | D | 100201 | Ex9BN 1PN D10 | 1/6/72 |
| 13 A | 1+N | D | 100202 | Ex9BN 1PN D13 | 1/6/72 |
| 16 A | 1+N | D | 100203 | Ex9BN 1PN D16 | 1/6/72 |
| 20 A | 1+N | D | 100204 | Ex9BN 1PN D20 | 1/6/72 |
| 25 A | 1+N | D | 100205 | Ex9BN 1PN D25 | 1/6/72 |
| 32 A | 1+N | D | 100206 | Ex9BN 1PN D32 | 1/6/72 |
| 40 A | 1+N | D | 100207 | Ex9BN 1PN D40 | 1/6/72 |
| 50 A | 1+N | D | 100208 | Ex9BN 1PN D50 | 1/6/72 |
| 63 A | 1+N | D | 100209 | Ex9BN 1PN D63 | 1/6/72 |

Charakterystyka D, 2-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 2 | D | 100210 | Ex9BN 2P D1 | 1/6/72 |
| 2 A | 2 | D | 100211 | Ex9BN 2P D2 | 1/6/72 |
| 3 A | 2 | D | 100212 | Ex9BN 2P D3 | 1/6/72 |
| 4 A | 2 | D | 100213 | Ex9BN 2P D4 | 1/6/72 |
| 6 A | 2 | D | 100214 | Ex9BN 2P D6 | 1/6/72 |
| 8 A | 2 | D | 100215 | Ex9BN 2P D8 | 1/6/72 |
| 10 A | 2 | D | 100216 | Ex9BN 2P D10 | 1/6/72 |
| 13 A | 2 | D | 100217 | Ex9BN 2P D13 | 1/6/72 |
| 16 A | 2 | D | 100218 | Ex9BN 2P D16 | 1/6/72 |
| 20 A | 2 | D | 100219 | Ex9BN 2P D20 | 1/6/72 |
| 25 A | 2 | D | 100220 | Ex9BN 2P D25 | 1/6/72 |
| 32 A | 2 | D | 100221 | Ex9BN 2P D32 | 1/6/72 |
| 40 A | 2 | D | 100222 | Ex9BN 2P D40 | 1/6/72 |
| 50 A | 2 | D | 100223 | Ex9BN 2P D50 | 1/6/72 |
| 63 A | 2 | D | 100224 | Ex9BN 2P D63 | 1/6/72 |

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Charakterystyka D, 3-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 3 | D | 100225 | Ex9BN 3P D1 | 1/4/48 |
| 2 A | 3 | D | 100226 | Ex9BN 3P D2 | 1/4/48 |
| 3 A | 3 | D | 100227 | Ex9BN 3P D3 | 1/4/48 |
| 4 A | 3 | D | 100228 | Ex9BN 3P D4 | 1/4/48 |
| 6 A | 3 | D | 100229 | Ex9BN 3P D6 | 1/4/48 |
| 8 A | 3 | D | 100230 | Ex9BN 3P D8 | 1/4/48 |
| 10 A | 3 | D | 100231 | Ex9BN 3P D10 | 1/4/48 |
| 13 A | 3 | D | 100232 | Ex9BN 3P D13 | 1/4/48 |
| 16 A | 3 | D | 100233 | Ex9BN 3P D16 | 1/4/48 |
| 20 A | 3 | D | 100234 | Ex9BN 3P D20 | 1/4/48 |
| 25 A | 3 | D | 100235 | Ex9BN 3P D25 | 1/4/48 |
| 32 A | 3 | D | 100236 | Ex9BN 3P D32 | 1/4/48 |
| 40 A | 3 | D | 100237 | Ex9BN 3P D40 | 1/4/48 |
| 50 A | 3 | D | 100238 | Ex9BN 3P D50 | 1/4/48 |
| 63 A | 3 | D | 100239 | Ex9BN 3P D63 | 1/4/48 |

Charakterystyka D, 3+N-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|---------------|-----------|
| 1 A | 3+N | D | 100240 | Ex9BN 3PN D1 | 1/3/36 |
| 2 A | 3+N | D | 100241 | Ex9BN 3PN D2 | 1/3/36 |
| 3 A | 3+N | D | 100242 | Ex9BN 3PN D3 | 1/3/36 |
| 4 A | 3+N | D | 100243 | Ex9BN 3PN D4 | 1/3/36 |
| 6 A | 3+N | D | 100244 | Ex9BN 3PN D6 | 1/3/36 |
| 8 A | 3+N | D | 100245 | Ex9BN 3PN D8 | 1/3/36 |
| 10 A | 3+N | D | 100246 | Ex9BN 3PN D10 | 1/3/36 |
| 13 A | 3+N | D | 100247 | Ex9BN 3PN D13 | 1/3/36 |
| 16 A | 3+N | D | 100248 | Ex9BN 3PN D16 | 1/3/36 |
| 20 A | 3+N | D | 100249 | Ex9BN 3PN D20 | 1/3/36 |
| 25 A | 3+N | D | 100250 | Ex9BN 3PN D25 | 1/3/36 |
| 32 A | 3+N | D | 100251 | Ex9BN 3PN D32 | 1/3/36 |
| 40 A | 3+N | D | 100252 | Ex9BN 3PN D40 | 1/3/36 |
| 50 A | 3+N | D | 100253 | Ex9BN 3PN D50 | 1/3/36 |
| 63 A | 3+N | D | 100254 | Ex9BN 3PN D63 | 1/3/36 |

Charakterystyka D, 4-biegunowy



| Prąd znamionowy | Liczba biegunów | Char. | Nr artykułu | Typ | Pakowanie |
|-----------------|-----------------|-------|-------------|--------------|-----------|
| 1 A | 4 | D | 100255 | Ex9BN 4P D1 | 1/3/36 |
| 2 A | 4 | D | 100256 | Ex9BN 4P D2 | 1/3/36 |
| 3 A | 4 | D | 100257 | Ex9BN 4P D3 | 1/3/36 |
| 4 A | 4 | D | 100258 | Ex9BN 4P D4 | 1/3/36 |
| 6 A | 4 | D | 100259 | Ex9BN 4P D6 | 1/3/36 |
| 8 A | 4 | D | 100260 | Ex9BN 4P D8 | 1/3/36 |
| 10 A | 4 | D | 100261 | Ex9BN 4P D10 | 1/3/36 |
| 13 A | 4 | D | 100262 | Ex9BN 4P D13 | 1/3/36 |
| 16 A | 4 | D | 100263 | Ex9BN 4P D16 | 1/3/36 |
| 20 A | 4 | D | 100264 | Ex9BN 4P D20 | 1/3/36 |
| 25 A | 4 | D | 100265 | Ex9BN 4P D25 | 1/3/36 |
| 32 A | 4 | D | 100266 | Ex9BN 4P D32 | 1/3/36 |
| 40 A | 4 | D | 100267 | Ex9BN 4P D40 | 1/3/36 |
| 50 A | 4 | D | 100268 | Ex9BN 4P D50 | 1/3/36 |
| 63 A | 4 | D | 100269 | Ex9BN 4P D63 | 1/3/36 |

Dane techniczne Ex9BN

Wyłączniki nadprądowe, 6 kA

Parametry ogólne

| | | |
|---|-------------------------|---|
| Wysoka znamionowa zwarciova zdolność łączeniowa | | |
| Przeznaczone do zastosowań domowych i przemysłowych | | |
| Akcesoria | | |
| Styki pomocnicze | AX3111, AX3122 | 100540, 100542 |
| Styki pomocnicze zadziałania | AL3111 | 100541 |
| Styki pomocnicze oraz styki pom. zadz. | AXL31 | 100543 |
| Wyzwalacze wzrostowe | SHT31, SHT3111 | 100544-100546, 100547-100549 |
| Wyzwalacze podnapięciowe | UVT31, UVT3101, UVT3110 | 100550-100551, 100552-100553, 100554-100555 |
| Wyzwalacze nadnapięciowe | OVT31 280V AC±5% | 100556 |
| Maks. liczba akcesoriów to: 3 szt. styków pom. (AX, AL, AXL) oraz 2 szt. wyzwalaczy (SHT, UVT, OVT) | | |
| Bloki różnicowoprądowe | Ex9LE | |

Parametry elektryczne

| | |
|---|--------------------------------|
| Wykonanie zgodne | IEC/EN 60898-1, IEC/EN 60947-2 |
| Napięcie znamionowe łączeniowe U_e | 230/400 V AC |
| | 48 V DC (na biegun) |
| Minimalne napięcie | 12 V AC/DC |
| Częstotliwość | 50/60 Hz |
| Znamionowa zwarciova zdolność łączeniowa I_{cn} | 6 kA |
| Prąd znamionowy | 1 — 63 A |
| Charakterystyki wyzwalania | B, C, D |
| Napięcie znamionowe udarowe wytrzymałwane U_{imp} | 6 kV |
| Napięcie znamionowe izolacji U_i | 690 V AC |
| Trwałość mechaniczna | 20 000 łączy |
| Trwałość elektryczna | 10 000 łączy |
| Klasa ograniczenia energii | 3 |
| Maksymalne dobezpieczenie bezpiecznikiem | max. 125 A gG |
| Kierunek zasilania | Dowolny (z góry lub z dołu) |

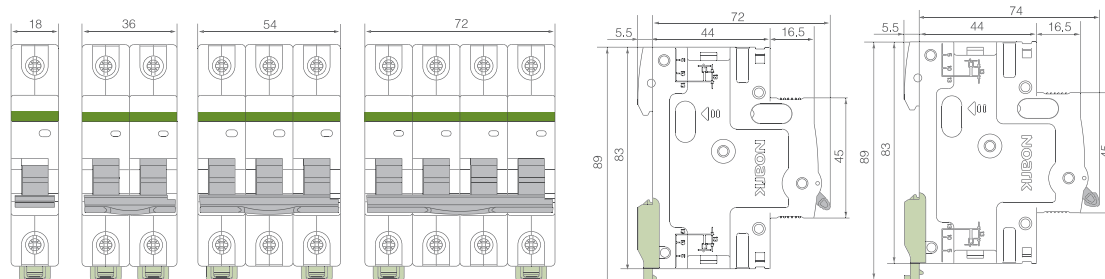
Parametry mechaniczne

| | |
|------------------------------------|------------------------------------|
| Szerokość | 18 mm (na biegun) |
| Wysokość | 83 mm (89 mm z uchwytem na listwę) |
| Wysokość czoła | 45 mm |
| Montaż | Na szynie standardowej TH-35 mm |
| Stopień ochrony | IP20 |
| Zaciski | Szynowe i windowe |
| Przekrój zacisków przyłączeniowych | 1 — 35 mm ² |
| Moment dociskowy śrub zaciskowych | 2 — 3,5 Nm |
| Grubość szyn łączeniowych | 0,8 — 2 mm |
| Temperatura otoczenia | -30 — +70 °C |
| Wysokość bezwzględna | ≤ 2000 m |
| Odporność klimatyczna | ≤ 95 % |
| Odporność na wilgoć i ciepło | klasa 2 |
| Stopień zanieczyszczenia | 3 |
| Klasa instalacji | III |
| Waga | 0,12 kg (na biegun) |

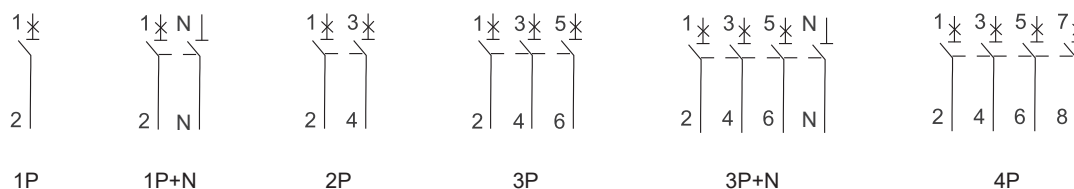
Dane techniczne Ex9BN

Wyłączniki nadprądowe, 6 kA

Wymiary

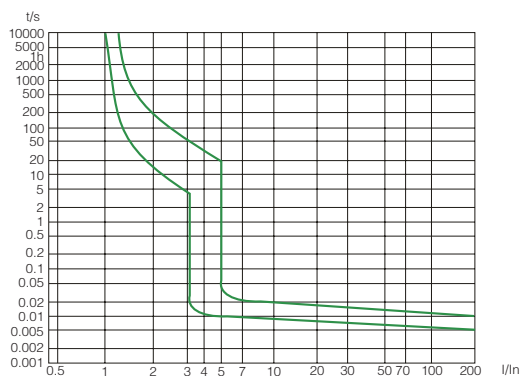


Schematy

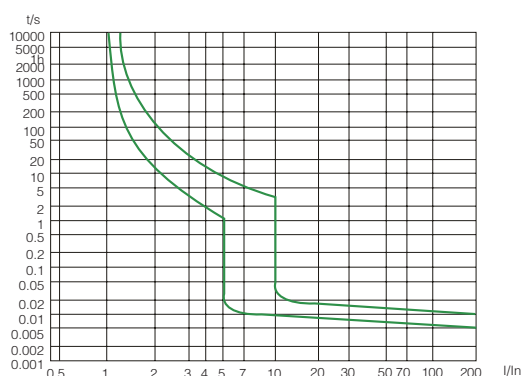


Charakterystyki wyzwalania

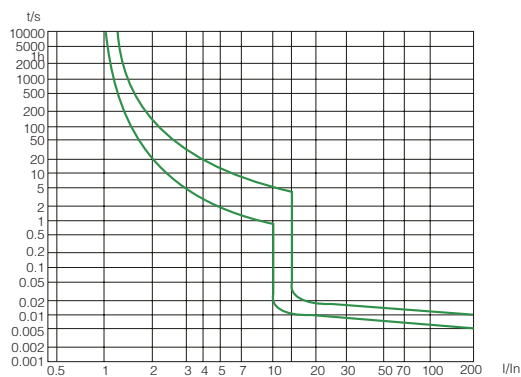
Charakterystyka B



Charakterystyka C



Charakterystyka D



Dane techniczne Ex9BN

Wyłączniki nadprądowe, 6 kA

Zależność charakterystyki wyzwalania od temperatury otoczenia

| T [°C] | I _n (T) [A] | | | | | | | | | | | | | | |
|-----------|------------------------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|
| | 1 A | 2 A | 3 A | 4 A | 6 A | 8 A | 10 A | 13 A | 16 A | 20 A | 25 A | 32 A | 40 A | 50 A | 63 A |
| -30 | 1.3 | 2.5 | 3.8 | 5.1 | 7.6 | 10.2 | 13.6 | 16.8 | 20.5 | 25.3 | 31.1 | 40.5 | 51.0 | 64.0 | 82.0 |
| -25 | 1.2 | 2.4 | 3.7 | 4.9 | 7.4 | 9.9 | 13.4 | 16.5 | 20.0 | 25.0 | 30.5 | 39.8 | 50.0 | 63.0 | 80.7 |
| -20 | 1.2 | 2.4 | 3.6 | 4.8 | 7.3 | 9.7 | 13.1 | 16.3 | 19.8 | 24.5 | 30.0 | 39.2 | 49.2 | 62.0 | 79.2 |
| -15 | 1.2 | 2.4 | 3.5 | 4.8 | 7.2 | 9.5 | 12.8 | 15.9 | 19.4 | 24.0 | 29.5 | 38.5 | 48.4 | 60.8 | 77.8 |
| -10 | 1.2 | 2.3 | 3.5 | 4.7 | 7.1 | 9.3 | 12.5 | 15.7 | 19.0 | 23.7 | 29.0 | 37.9 | 47.5 | 59.8 | 76.3 |
| -5 | 1.2 | 2.3 | 3.4 | 4.7 | 7.0 | 9.2 | 12.3 | 15.4 | 18.7 | 23.2 | 28.5 | 37.2 | 46.7 | 58.6 | 74.7 |
| 0 | 1.1 | 2.2 | 3.4 | 4.5 | 6.8 | 9.0 | 12.0 | 15.0 | 18.4 | 22.8 | 28.0 | 36.5 | 45.8 | 57.4 | 73.2 |
| 5 | 1.1 | 2.2 | 3.3 | 4.4 | 6.6 | 8.9 | 11.7 | 14.7 | 18.0 | 22.4 | 27.5 | 35.8 | 45.0 | 56.3 | 71.6 |
| 10 | 1.1 | 2.1 | 3.3 | 4.3 | 6.5 | 8.7 | 11.4 | 14.3 | 17.6 | 21.9 | 27.0 | 35.0 | 44.0 | 55.0 | 70.0 |
| 15 | 1.1 | 2.1 | 3.2 | 4.3 | 6.4 | 8.5 | 11.0 | 14.0 | 17.2 | 21.5 | 26.5 | 34.3 | 43.0 | 53.8 | 68.3 |
| 20 | 1.0 | 2.1 | 3.2 | 4.2 | 6.3 | 8.3 | 10.7 | 13.7 | 16.8 | 21.0 | 26.0 | 33.6 | 42.0 | 52.6 | 66.6 |
| 25 | 1.0 | 2.0 | 3.0 | 4.1 | 6.2 | 8.2 | 10.4 | 13.4 | 16.4 | 20.5 | 25.5 | 32.8 | 41.0 | 51.3 | 64.8 |
| 30 | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 13 | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
| 35 | 0.99 | 2.00 | 3.00 | 3.9 | 5.9 | 7.9 | 9.9 | 12.8 | 16.0 | 20.0 | 25.0 | 32.0 | 39.0 | 49.0 | 62.0 |
| 40 | 0.97 | 1.90 | 2.90 | 3.9 | 5.8 | 7.8 | 9.7 | 12.5 | 15.0 | 19.0 | 24.0 | 31.0 | 39.0 | 48.0 | 61.0 |
| 45 | 0.95 | 1.90 | 2.80 | 3.8 | 5.7 | 7.7 | 9.5 | 12.2 | 15.0 | 19.0 | 24.0 | 30.0 | 38.0 | 47.0 | 60.0 |
| 50 | 0.93 | 1.90 | 2.80 | 3.7 | 5.6 | 7.6 | 9.3 | 12.0 | 15.0 | 19.0 | 23.0 | 30.0 | 37.0 | 46.0 | 58.0 |
| 55 | 0.91 | 1.80 | 2.80 | 3.6 | 5.5 | 7.5 | 9.0 | 11.7 | 14.0 | 18.0 | 23.0 | 29.0 | 36.0 | 44.0 | 57.0 |
| 60 | 0.91 | 1.80 | 2.70 | 3.5 | 5.4 | 7.2 | 8.8 | 11.5 | 14.0 | 18.0 | 22.0 | 28.0 | 35.0 | 42.0 | 55.0 |
| 65 | 0.91 | 1.80 | 2.70 | 3.5 | 5.3 | 7.1 | 8.6 | 11.2 | 13.0 | 17.0 | 21.0 | 28.0 | 34.0 | 40.0 | 52.0 |
| 70 | 0.91 | 1.80 | 2.70 | 3.5 | 5.3 | 6.9 | 8.6 | 11.0 | 13.0 | 17.0 | 21.0 | 27.0 | 33.0 | 38.0 | 50.0 |

Strata mocy na biegun

| I _n [A] | 1 A | 2 A | 3 A | 4 A | 6 A | 8 A | 10 A | 13 A | 16 A | 20 A | 25 A | 32 A | 40 A | 50 A | 63 A |
|--------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| P [W] | 1.5 | 2.0 | 1.8 | 2.0 | 2.2 | 2.6 | 1.5 | 1.7 | 1.8 | 2.0 | 2.2 | 2.6 | 2.9 | 3.8 | 4.4 |