



NCN325

MCB 3P 10kA C-25A 3M

Technical properties

| Α. | rol | hi | +~ | - | Ha i | ire |
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| | | | | | | |

| Neutral position | without neutral |
|---|------------------|
| Number of protected poles | 3 |
| Number of poles | 3 P |
| Curve | С |
| Functions | |
| Concurrently switching N-neutral | No |
| Configuration | |
| Number of modules | 3 |
| Connectivity | |
| Top connection alignement for modular devices | Aligned terminal |
| Bottom connection alignement for modular devices | Aligned terminal |
| Main electrical features | |
| Rated short circuit breaking capacity Icn AC according IEC60898-1 | 10 kA |
| Rated operational voltage Ue | 415 V |
| Type of supply voltage | AC |
| Voltage | |
| Rated insulation voltage | 500 V |
| Max operating voltage | 440 V |
| Rated impulse withstand voltage | 6000 V |
| Minimum threshold voltage (Ue min) | 12 V |
| Electric current | |
| Rated current | 25 A |
| Rated service breaking capacity Ics AC according IEC 60898-1 | 7.5 kA |
| min/maxi threshold value of the AC thermal operation | 1.13 / 1.45 ln |
| Magnetic regulating currrent | 5 / 10 In |
| min/maxi threshold value of the DC magnetic operation | 7 / 15 ln |
| min/maxi threshold value of the DC thermal operation | 1.13 / 1.45 ln |
| Rating current -10°C according to IEC 60947 | 32.93 A |

| Rating current -25°C according to IEC 60947 3.4.63 Rating current -5°C according to IEC 60947 3.2.34 Rating current 10°C according to IEC 60947 3.0.52 Rating current 10°C according to IEC 60947 3.0.52 Rating current 15°C according to IEC 60947 2.9.88 Rating current 25°C according to IEC 60947 2.9.88 Rating current 25°C according to IEC 60947 2.9.33 Rating current 30°C according to IEC 60947 2.8.57 Rating current 30°C according to IEC 60947 2.7.89 Rating current 35°C according to IEC 60947 2.7.89 Rating current 40°C according to IEC 60947 2.7.89 Rating current 40°C according to IEC 60947 2.7.89 Rating current 40°C according to IEC 60947 2.5.75 Rating current 5°C according to IEC 60947 2.5.75 Rating current 5°C according to IEC 60947 3.1.14 Rating current 5°C according to IEC 60947 3.1.14 Rating current 5°C according to IEC 60947 3.2.9 Rating current 5°C according to IEC 60947 3.2.9 Rating current 5°C according to IEC 60947 3.2.9 Rating current 55°C according to IEC 60947 3.2.9 Rating current 55°C according to IEC 60947 3.2.9 Rating current 55°C according to IEC 60947 3.2.17 Rating current 55°C according to IEC 60947 3.2.9 Rating current 55°C according to IEC 60947 3.0.6 Rated short circuit breaking capacity Icn under 230V AC IEC 60947.2 Rated short circuit breaking capacity Icn under 400V AC according IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947.2 Rated ultimate shor | Rating current -15°C according to IEC 60947 | 33.51 A |
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| Rating current 10°C according to IEC 60947 Rating current 110°C according to IEC 60947 Rating current 15°C according to IEC 60947 Rating current 15°C according to IEC 60947 Rating current 20°C according to IEC 60947 Rating current 25°C according to IEC 60947 Rating current 35°C according to IEC 60947 Rating current 35°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according to IEC 60947 Rated short circuit breaking capacity Icn under 400V AC according IEC 609898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60988-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultim | | 34.63 A |
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| Rating current 25°C according to IEC 60947 Rating current 30°C according to IEC 60947 Rating current 35°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC according IEC 60998-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60998-1 Rated ultimate short-circuit breaking capacity Icn under 420V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60998-1 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking | Rating current 15°C according to IEC 60947 | 29.88 A |
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| Rating current 35°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 50°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 50°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking Capacity Icu u | Rating current 25°C according to IEC 60947 | 28.57 A |
| Rating current 40°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 50°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 25°C Rating current -15°C Rating current -15°C Rating current -10°C Rating current -5°C Rating current -5°C Rating current -5°C Rating current -5°C | Rating current 30°C according to IEC 60947 | 27.89 A |
| Rating current 45°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 5°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit | Rating current 35°C according to IEC 60947 | 27.2 A |
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| Rating current 50°C according to IEC 60947 25 Rating current 55°C according to IEC 60947 23.98 Rating current 60°C according to IEC 60947 22.91 Rating current 65°C according to IEC 60947 20.61 Rating current 70°C according to IEC 60947 20.61 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 10.6 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 10.6 Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 30.6 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 30.6 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 15.6 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15.6 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10.6 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10.6 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 10.6 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 30.6 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 30.6 Rated ultimate short-circuit | Rating current 45°C according to IEC 60947 | 25.75 A |
| Rating current 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947-2 Rated ultimate short-circuit | Rating current 5°C according to IEC 60947 | 31.14 A |
| Rating current 60°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 315V AC according IEC 60947-2 Rated short circuit breaking cap | Rating current 50°C according to IEC 60947 | 25 A |
| Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 290V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking | Rating current 55°C according to IEC 60947 | 23.98 A |
| Rating current 65°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 290V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Rated ultimate short-circuit breaking | | 22.91 A |
| Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -25°C 31.04 Rating current -10°C 29.51 Rating current -10°C 28.49 Rating current -5°C 28.99 Rating current -5°C 28.99 | | 21.79 A |
| Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -25°C 31.04 Rating current -10°C 29.51 Rating current -10°C 28.49 Rating current -5°C 28.99 Rating current -5°C 28.99 | Rating current 70°C according to IEC 60947 | 20.61 A |
| under 400V AC according IEC60898-1 Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current / temperature Rating current -15°C 31.04 Rating current -15°C 30.54 Rating current -10°C 29.51 Rating current -0°C 28.89 Rating current 0°C | Rated short circuit breaking capacity Icn | 10 kA |
| city Icu under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 280V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -20°C 30.03 Rating current -10°C 29.51 Rating current -10°C 28.99 Rating current -5°C 28.99 | | 10 kA |
| city Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -25°C Rating current -15°C Rating current -10°C Rating current -10°C Rating current -5°C Rating current -5°C Rating current -5°C Rating current 0°C 28.45 | - · · · · · · · · · · · · · · · · · · · | 30 kA |
| city Icu under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -15°C 30.03 Rating current -10°C 29.51 Rating current -5°C 28.99 Rating current 0°C | | 30 kA |
| city Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -20°C Rating current -10°C Rating current -10°C Rating current -5°C Rating current -5°C Rating current -5°C Rating current -5°C Rating current 0°C 28.45 | = : | 15 kA |
| under 240V AC according IEC 60898-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -20°C Rating current -10°C Rating current -10°C Rating current -5°C | | 15 kA |
| under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -20°C Rating current -15°C Rating current -10°C Rating current -5°C Rating current -5°C Rating current 0°C 28.99 Rating current 0°C | - · · · · · · · · · · · · · · · · · · · | 10 kA |
| Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Electric current / temperature Rating current -25°C Rating current -20°C Rating current -15°C Rating current -10°C Rating current -5°C 28.99 Rating current 0°C | - · · · · · · · · · · · · · · · · · · · | 10 kA |
| Electric current / temperature Rating current -25°C 31.04 Rating current -20°C 30.54 Rating current -15°C 30.03 Rating current -10°C 29.51 Rating current -5°C 28.99 Rating current 0°C 28.45 | = : | 30 kA |
| Rating current -25°C 31.04 Rating current -20°C 30.54 Rating current -15°C 30.03 Rating current -10°C 29.51 Rating current -5°C 28.99 Rating current 0°C 28.45 | g ; | 15 kA |
| Rating current -20°C 30.54 Rating current -15°C 30.03 Rating current -10°C 29.51 Rating current -5°C 28.99 Rating current 0°C 28.45 | Electric current / temperature | |
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| Rating current -10°C 29.51 Rating current -5°C 28.99 Rating current 0°C 28.45 | Rating current -20°C | 30.54 A |
| Rating current -5°C 28.99 Rating current 0°C 28.45 | Rating current -15°C | 30.03 A |
| Rating current 0°C 28.45 | Rating current -10°C | 29.51 A |
| | Rating current -5°C | 28.99 A |
| | Rating current 0°C | 28.45 A |
| | | 27.91 A |
| Rating current 10°C 27.35 | | 27.35 A |

| Rating current 25°C | 25.61 A |
|--|-------------|
| Rating current 30°C | 25 A |
| Rating current 35°C | 24.23 A |
| Rating current 40°C | 23.44 A |
| Rating current 45°C | 22.61 A |
| Rating current 50°C | 21.76 A |
| Rating current 55°C | 20.87 A |
| Rating current 60°C | 19.94 A |
| Rating current 65°C | 18.97 A |
| Rating current 70°C | 17.94 A |
| Current correction factors | |
| Correction factor of rating current for 2 devices placed side-by-side | 1 |
| Correction factor of rating current for 3 devices placed side-by-side | 0.95 |
| Correction factor of rating current for 4 and 5 devices placed side-by-side | 0.9 |
| Correction factor of rating current for 6 devices placed side-by-side | 0.85 |
| Correction factor of magnetic tripping with 100 Hz | 1.1 |
| Correction factor of magnetic tripping with 200 Hz | 1.2 |
| Correction factor of magnetic tripping with 400 Hz | 1.5 |
| Correction factor of magnetic tripping with 60 Hz | 1.1 |
| Dimensions | |
| Depth of installed product | 70 mm |
| Height of installed product | 83 mm |
| Width of installed product | 52.5 mm |
| Frequency | |
| Frequency | 50 to 60 Hz |
| Power | |
| Maximum power loss per pole according to the product standard | 4.5 W |
| Total power loss under IN | 11 W |
| Power loss per pole at In | 3.73 W |
| Endurance | |
| Electric endurance in number of cycles | 4000 |
| Number of mechanical operations | 20000 |
| Installation, mounting | |
| Type of top connection for modular devices | with screw |
| Tightening torque | 2,8Nm |
| Type of top rail clip for modular devices | NA |
| Type of bottom rail clip for modular devices | plastic |

| Type of Bottom Connection for modular devices | Blconnect |
|--|------------|
| Top removability for modular devices | Yes |
| Bottom removability for modular devices | Yes |
| Suitable for flush-mounting | Yes |
| Connection | |
| Connection cross-section at output with screw, for flexible conductor | 1 / 25 mm² |
| Connection cross-section at output with screw, for massive conductor | 1 / 35 mm² |
| Connection cross-section for rigid conductor, upstream terminals with screws | 1 / 35 mm² |
| Connection cross-section of the access with screws, with flexible conductor | 1 / 25 mm² |
| Downstream cage clamp delivery status | closed |
| Upstream cage clamp delivery status | opened |
| Equipment | |
| Can be accessorized | Yes |
| Standards | |
| Standard text | EN 60898-1 |
| Safety | |
| Protection index IP | IP20 |
| Use conditions | |
| Operating temperature | -2570 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Class of energy limitation I ² t | 3 |
| Altitude | 2000 m |
| Storage/transport temperature | -2580 °C |
| temperatur | |
| Temperature of calibration | 30 °C |