



NGN404



## MCB 4P 6/10kA D-4A 4M

## **Technical properties**

Arc	h	it	ec	tu	re
-----	---	----	----	----	----

Neutral position	without neutral
Number of protected poles	4
Number of poles	4 P
Type of pole	4 P
Curve	D
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	4
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	6 kA
Rated operational voltage Ue	400 V
Type of supply voltage	AC
Voltage	
Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V
Minimum threshold voltage (Ue min)	12 V
Electric current	
Rated current	4 A
Rated service breaking capacity Ics AC according IEC 60898-1	6 kA
min/maxi threshold value of the AC thermal operation	1.13 / 1.45 ln
Magnetic regulating currrent	10 / 14.4 ln
min/maxi threshold value of the DC magnetic operation	15 / 30 ln
min/maxi threshold value of the DC thermal operation	1.13 / 1.45 ln
Rating current -10°C according to IEC 60947	5.13 A

Rating current -20°C according to IEC         5.29 A           Rating current -25°C according to IEC 60947         5.37 A           Rating current -5°C according to IEC 60947         4.96 A           Rating current 10°C according to IEC 60947         4.78 A           Rating current 10°C according to IEC 60947         4.78 A           Rating current 20°C according to IEC 60947         4.6 A           Rating current 20°C according to IEC 60947         4.5 A           Rating current 30°C according to IEC 60947         4.5 A           Rating current 30°C according to IEC 60947         4.1 A           Rating current 30°C according to IEC 60947         4.1 A           Rating current 35°C according to IEC 60947         4.1 A           Rating current 40°C according to IEC 60947         4.1 A           Rating current 5°C according to IEC 60947         4.1 A           Rating current 5°C according to IEC 60947         4.8 A           Rating current 5°C according to IEC 60947         3.6 A           Rating current 5°C according to IEC 60947         3.6 A           Rating current 5°C according to IEC 60947         3.6 A           Rating current 5°C according to IEC 60947         3.6 A           Rating current 5°C according to IEC 60947         3.6 A           Rating current 5°C according to IEC 60947         3.6 A	Rating current -15°C according to IEC 60947	5.21 A
S.37 A		5.29 A
Rating current 0°C according to IEC 60947 Rating current 10°C according to IEC 60947 Rating current 10°C according to IEC 60947 Rating current 15°C according to IEC 60947 Rating current 20°C according to IEC 60947 Rating current 30°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 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 50°C according to IEC 60947 Rating current 60°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 with a for the following to IEC 60947 Rated 4000 AC according to IEC 60947 Rated 4000 AC according to IEC 60947 Rated 4000 AC according IEC 60947 Rated 4000 AC according IEC 60947 Rated ultimate short-circuit breaking capacity Icn under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 2400 AC according IEC 60989-1 Rated ultimate short-circuit breaking capacity Icn under 2400 AC according IEC 60989-1 Rated ultimate short-circuit breaking capacity Icn under 2400 AC according IEC 60989-1 Rated ultimate short-circuit breaking cap		5.37 A
Rating current 10°C according to IEC 60947 Rating current 15°C according to IEC 60947 Rating current 20°C according to IEC 60947 Rating current 20°C according to IEC 60947 Rating current 30°C according to IEC 60947 Rating current 30°C according to IEC 60947 Rating current 30°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 Rating current 65°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 IEC 60989-1 Rated dultimate short-circuit breaking capacity icn under 400V AC according IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-2 10 kA Rated ultimate short-ci	Rating current -5°C according to IEC 60947	5.04 A
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 30°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 45°C according to IEC 60947 Rating current 45°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 IEC 60947 Rated short circuit breaking capacity Icn under 400V AC according IEC 60988-1 Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 20 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 10 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 20 kA Rated ultimate short-circuit	Rating current 0°C according to IEC 60947	4.96 A
Rating current 20°C according to IEC 60947  Rating current 25°C according to IEC 60947  Rating current 30°C according to IEC 60947  Rating current 30°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 5°C according to IEC 60947  Rating current 60°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 IEC 60989-1  Rated withmate short-circuit breaking capacity Icn under 400V AC according IEC 60989-1  Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 400V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC BC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC according IEC 60898-1  10 kA  Rated short circuit breaking capacity Icu under 200V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 400V AC IE	Rating current 10°C according to IEC 60947	4.78 A
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 45°C according to IEC 60947  Rating current 45°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 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 400∨ AC according IEC 60988-1  Rated short circuit breaking capacity Icn under 400∨ AC according IEC 60988-1  Rated ultimate short-circuit breaking capacity Icn under 230∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 240∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 400∨ AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 400∨ AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 400∨ AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 400∨ AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 415∨ AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 415∨ AC according IEC 60988-1  10 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 200∨ AC IEC 60947-2  20 kA  Rated ultimate short-circuit	Rating current 15°C according to IEC 60947	4.69 A
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 45°C according to IEC 60947  Rating current 55°C according to IEC 60947  Rating current 65°C according to IEC 60947  Rated short circuit breaking capacity Icn under 2300 VAC according IEC 60988-1  Rated short circuit breaking capacity Icn under 4000 VAC according IEC 60988-1  Rated ultimate short-circuit breaking capacity Icu under 2300 VAC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 2300 VAC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 2400 VAC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 260V AC IEC 60947-2  20 kA  Rated ultimate short-circuit	Rating current 20°C according to IEC 60947	4.6 A
Rating current 45°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 5°C according to IEC 60947  Rating current 50°C according to IEC 60947  Rating current 55°C according to IEC 60947  Rating current 60°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  Rated short circuit breaking capacity Icn under 230V AC according IEC60988-1  Rated short circuit breaking capacity Icn under 400V AC according IEC60988-1  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 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 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 415V 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 ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60988-1  Rated ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60988-1  Rated ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60988-1  Rated ultimate short-circuit breaking capacity Icu under 415V AC according IEC 60988-1  Rating current -5°C  4.88 A  Rating current -5°C  4.88 A  Rating current -5°C  4.88 A  Rating current -5°C  4.58 A	Rating current 25°C according to IEC 60947	4.5 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 50°C according to IEC 60947  Rating current 50°C according to IEC 60947  Rating current 50°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 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 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 ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 200V AC IEC 6094	Rating current 30°C according to IEC 60947	4.41 A
Rating current 45°C according to IEC 60947  Rating current 5°C according to IEC 60947  Rating current 50°C according to IEC 60947  Rating current 50°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 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 240V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 40V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 40V 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 20V AC according IEC 60989-1  Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 220V AC according IEC 60989-1  Rated 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 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 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 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 230V AC IEC 60947-	Rating current 35°C according to IEC 60947	4.31 A
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 60°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  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 400V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 400V 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 415V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 415V 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 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 230V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 25°C  4.88 A  Rating current -10°C  4.88 A  Rating current -10°C  4.89 A  Rating current -10°C  4.81 A  Rating current 5°C  4.84 A	Rating current 40°C according to IEC 60947	4.21 A
Rating current 50°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 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 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 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 240V AC according IEC 60898-1  Rated short circuit breaking capacity Icu under 25°C  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 25°C  4.88 A  Rating current / temperature  Rating current -15°C  4.88 A  Rating current -10°C  4.65 A  Rating current -0°C  4.58 A  Rating current -0°C  4.58 A  Rating current 0°C  4.58 A  Rating current 5°C  4.58 A	Rating current 45°C according to IEC 60947	4.11 A
Rating current 50°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 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 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 short circuit breaking capacity Icu under 450V 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 220V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icu under 25°C  4.88 A  Rating current -15°C  4.88 A  Rating current -15°C  4.88 A  Rating current -10°C  4.65 A  Rating current -0°C  4.58 A  Rating current 5°C  4.58 A  Rating current 5°C  4.58 A	Rating current 5°C according to IEC 60947	4.87 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 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 400V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 400V 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 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 240V 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 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 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 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 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 breaking capacity Icu under 380V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity I		4 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 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 ultimate short-circuit breaking capacity Icn under 410V 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 ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  40 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60		3.87 A
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 400V AC according IEC60898-1  Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2  10 kA  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 415V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 220V AC according IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 220V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 220V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  4.8 A  Rating current -25°C  4.8 A  Rating current -15°C  4.8 A  Rating current -10°C  4.65 A  Rating current -5°C  4.55 A  Rating current 5°C  4.58 A  Rating current 5°C  4.58 A  Rating current 5°C		
Rated short circuit breaking capacity Icn under 230V AC according IEC 60988-1  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 according IEC 60898-1  Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 240V AC according IEC 60898-1  Rated ultimate short-circuit breaking capacity Icn under 240V AC according IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 315V AC IEC 60947-2  20 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  10 kA  Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2  Rating current -25°C  4.88 A  Rating current -10°C  4.65 A  Rating current -5°C  4.58 A  Rating current -5°C  4.58 A  Rating current 5°C  4.58 A  Rating current 5°C  4.58 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 ultimate short-circuit breaking capacity Icn under 240V 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 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  Rating current -25°C  4.88 A  Rating current -10°C  4.55 A  Rating current -5°C  4.58 A  Rating current -5°C  4.58 A  Rating current 5°C  4.58 A  Rating current 5°C  4.54 A		
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 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 60987-2  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 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 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 short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2  Rated s	Rated short circuit breaking capacity lcn	
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 IEC 60947-2  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  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  Rating current -25°C  4.88 A  Rating current -10°C  4.87 A  Rating current -10°C  4.58 A  Rating current -5°C  4.58 A  Rating current 0°C  4.58 A  Rating current 0°C  4.58 A  Rating current 0°C  4.42 A	Rated short circuit breaking capacity Icn	
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 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 240V 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 / temperature  Rating current -25°C  4.88 A  Rating current -15°C  4.73 A  Rating current -10°C  4.65 A  Rating current -5°C  4.58 A  Rating current 0°C  4.58 A  Rating current 0°C  4.59 A	Rated ultimate short-circuit breaking capa-	
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  10 kA  Electric current / temperature  Rating current -25°C  4.88 A  Rating current -10°C  4.65 A  Rating current -5°C  4.58 A  Rating current 0°C  4.58 A  Rating current 0°C  4.58 A  Rating current 5°C  4.42 A	Rated ultimate short-circuit breaking capa-	20 kA
city Icu under 415V AC IEC 60947-2 10 kA  Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10 kA  Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 6 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 20 kA  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 10 kA  Electric current / temperature  Rating current -25°C 4.88 A  Rating current -10°C 4.65 A  Rating current 0°C 4.58 A  Rating current 5°C 4.42 A		10 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  4.88 A  Rating current -20°C  4.73 A  Rating current -10°C  4.65 A  Rating current -5°C  4.58 A  Rating current 0°C  4.42 A		10 kA
under 415V AC according IEC 60898-1 6 kA  Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 20 kA  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 10 kA  Electric current / temperature  Rating current -25°C 4.88 A  Rating current -15°C 4.65 A  Rating current -10°C 4.55 A  Rating current 0°C 4.58 A  Rating current 5°C 4.42 A		10 kA
city Icu under 220V AC IEC 60947-2  Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2  10 kA  Electric current / temperature  Rating current -25°C  4.88 A  Rating current -15°C  4.73 A  Rating current -10°C  4.65 A  Rating current -5°C  4.58 A  Rating current 5°C  4.58 A  Rating current 5°C  4.58 A		6 kA
Electric current / temperature  Rating current -25°C 4.88 A Rating current -20°C 4.88 A Rating current -15°C 4.73 A Rating current -10°C 4.65 A Rating current -5°C 4.58 A Rating current 0°C 4.58 A Rating current 5°C 4.42 A		20 kA
Rating current -25°C 4.88 A Rating current -20°C 4.8 A Rating current -15°C 4.73 A Rating current -10°C 4.65 A Rating current -5°C 4.58 A Rating current 0°C 4.54 A Rating current 5°C 4.42 A	9 .	10 kA
Rating current -20°C 4.8 A Rating current -15°C 4.73 A Rating current -10°C 4.65 A Rating current -5°C 4.58 A Rating current 0°C 4.5 A Rating current 5°C 4.42 A	Electric current / temperature	
Rating current -15°C 4.73 A  Rating current -10°C 4.65 A  Rating current -5°C 4.58 A  Rating current 0°C 4.5 A  Rating current 5°C 4.42 A	Rating current -25°C	4.88 A
Rating current -15°C 4.73 A  Rating current -10°C 4.65 A  Rating current -5°C 4.58 A  Rating current 0°C 4.5 A  Rating current 5°C 4.42 A	Rating current -20°C	4.8 A
Rating current -5°C 4.58 A  Rating current 0°C 4.5 A  Rating current 5°C 4.42 A	Rating current -15°C	4.73 A
Rating current 0°C 4.5 A Rating current 5°C 4.42 A	Rating current -10°C	4.65 A
Rating current 5°C 4.42 A	Rating current -5°C	4.58 A
Rating current 5°C 4.42 A	Rating current 0°C	4.5 A
		4.42 A
		4.34 A

Rating current 30°C	4.09 A
	4 A
Rating current 35°C	3.9 A
Rating current 40°C	3.79 A
Rating current 45°C	3.69 A
Rating current 50°C	3.58 A
Rating current 55°C	3.46 A
Rating current 60°C	3.34 A
Rating current 65°C	3.22 A
Rating current 70°C	3.1 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
Depth of installed product	70 mm
Height of installed product	83 mm
Width of installed product	70 mm
Frequency	
Frequency	50 to 60 Hz
Power	
Power  Maximum power loss per pole according to the product standard	3 W
Maximum power loss per pole according to the product standard	3 W 10.9 W
Maximum power loss per pole according to the product standard  Total power loss under IN	
Maximum power loss per pole according to	10.9 W
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In  Endurance	10.9 W
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In	10.9 W 2.77 W 4000
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In  Endurance  Electric endurance in number of cycles	10.9 W 2.77 W 4000
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In  Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting	10.9 W 2.77 W
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In  Endurance  Electric endurance in number of cycles  Number of mechanical operations	10.9 W 2.77 W 4000 20000
Maximum power loss per pole according to the product standard  Total power loss under IN  Power loss per pole at In  Endurance  Electric endurance in number of cycles  Number of mechanical operations  Installation, mounting  Type of top connection for modular devices	10.9 W 2.77 W 4000 20000 with screw

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	opened
Upstream cage clamp delivery status	opened
Equipment	
Can be accessorized	Yes
Standards	
Standard text	EN 60898-1 ; IEC 60947-2
Safety	
REACH conform	No
RoHS conform	Yes
Halogen free	No
Use conditions	
Operating temperature	-2570 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-2580 °C
temperatur	
Temperature of calibration	50 °C