



NBN263A

MCB 2P 10kA/15kA B-63A 2M

Technical properties

- A		le i		ct		-
\mathbf{A}	rc.	ш	пе	CL	u	re

Neutral position	without neutral
Number of protected poles	2
Number of poles	2 P
Type of pole	2 P
Fixing mode	Din-Rail
Curve	В
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	2
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	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	63 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 In
Magnetic regulating currrent	3 / 5 In
min/maxi threshold value of the DC magnetic operation	4 / 7 In
min/maxi threshold value of the DC thermal operation	1.13 / 1.45 ln

Reting current -15°C according to IEC 60947 91.16 A 60947 92.84 A 618 acting current -25°C according to IEC 60947 85.91 A 618 acting current -25°C according to IEC 60947 85.91 A 618 acting current 0°C according to IEC 60947 85.91 A 618 acting current 0°C according to IEC 60947 85.91 A 618 acting current 0°C according to IEC 60947 85.91 A 618 acting current 10°C according to IEC 60947 85.91 A 618 acting current 10°C according to IEC 60947 75.36 A 618 acting current 20°C according to IEC 60947 75.36 A 618 acting current 25°C according to IEC 60947 75.36 A 618 acting current 25°C according to IEC 60947 75.32 A 618 acting current 30°C according to IEC 60947 75.32 A 618 acting current 30°C according to IEC 60947 75.32 A 618 acting current 30°C according to IEC 60947 75.34 A 618 acting current 45°C according to IEC 60947 75.34 A 618 acting current 45°C according to IEC 60947 75.34 A 618 acting current 45°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C according to IEC 60947 75.34 A 618 acting current 5°C 60947 75.34 A 618 acting current 5°C 60947 75.34 A 618 acting current 5°C 75.54 A 618 acting current 5°C 75.55 A 618 acting current 5°C	Rating current -10°C according to IEC 60947	87.69 A
Separar		89.44 A
60947 92.84 A Rating current -5°C according to IEC 60947 85.91 A Rating current 10°C according to IEC 60947 84.08 A Rating current 10°C according to IEC 60947 78.36 A Rating current 20°C according to IEC 60947 76.35 A Rating current 20°C according to IEC 60947 74.29 A Rating current 30°C according to IEC 60947 73.2 A Rating current 35°C according to IEC 60947 70.4 A Rating current 40°C according to IEC 60947 67.9 A Rating current 45°C according to IEC 60947 65.3 A Rating current 5°C according to IEC 60947 82.22 A Rating current 5°C according to IEC 60947 63.4 Rating current 5°C according to IEC 60947 63.4 Rating current 5°C according to IEC 60947 63.4 Rating current 5°C according to IEC 60947 57.7 A Rating current 5°C according to IEC 60947 57.7 A Rating current 5°C according to IEC 60947 57.7 A Rating current 5°C according to IEC 60947 57.1 A Rating current 5°C according to IEC 60947 57.1 A Rating current 5°C according to IEC 60947 57.1 A Rating cu		91.16 A
Rating current 0°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 20°C according to IEC 60947 Rating current 20°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 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 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 short circuit breaking capacity Icn under 230V AC according IEC 60988-1 10 kA Rated ultimate short-circuit breaking capacity Icn under 400V AC according IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn und		92.84 A
Rating current 10°C according to IEC 60947 78.36 A Rating current 15°C according to IEC 60947 76.35 A Rating current 20°C according to IEC 60947 76.35 A Rating current 20°C according to IEC 60947 77.29 A Rating current 30°C according to IEC 60947 77.29 A Rating current 30°C according to IEC 60947 77.2 A Rating current 40°C according to IEC 60947 77.2 A Rating current 40°C according to IEC 60947 77.3 A Rating current 40°C according to IEC 60947 77.3 A Rating current 45°C according to IEC 60947 77.3 A Rating current 45°C according to IEC 60947 78.2 A Rating current 5°C according to IEC 60947 78.2 A Rating current 5°C according to IEC 60947 78.2 A Rating current 50°C according to IEC 60947 79.7 A Rating current 50°C according to IEC 60947 79.7 A Rating current 65°C according to IEC 60947 79.7 A Rating current 65°C according to IEC 60947 79.7 A Rating current 70°C according to IEC 60947 79.7 A Rating current 70°C according to IEC 60947 79.7 A Rated short circuit breaking capacity Icn under 230V AC according IEC 60998-1 10 kA Rated short circuit breaking capacity Icn under 400V AC according IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60988-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Ra	Rating current -5°C according to IEC 60947	85.91 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 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 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 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 2300 AC according IEC 60947 Rated short circuit breaking capacity Icn under 4000 AC according IEC 60947 Rated ultimate short-circuit breaking capacity Icu under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2300 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 4150 AC IEC 60947-2 Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 4150 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 Rating current -25°C Rating current -25°C Rating current -15°C Rating current -10°C Rating current -10°C Rating current -10°C Rating current	Rating current 0°C according to IEC 60947	84.08 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 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 5°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 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 200 AC according IEC 60988-1 Rated ultimate short-circuit breaking capacity Icn under 400V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 400V AC according IEC 60947-2 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 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 230V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 30V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 430V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 430V 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 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 240V AC IEC 60947-2 Rating current -25°C Rating current -25°C Rating current -15°C Rating current -15°C Rating current -15°C Rating current -15°C Rating curre	Rating current 10°C according to IEC 60947	80.31 A
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 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 5°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 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 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 IEC60998-1 10 kA Rated short circuit breaking capacity Icn under 400V AC according IEC60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC iEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icu under 40V AC IEC 60947-2 16 kA Rated short circuit breaking capacity Icu under 40V AC IEC 60947-2 17 kA Rated short circuit breaking capacity Icu under 40V AC IEC 60947-2 18 kA Rated short circuit breaking capacity Icu under 40V AC IEC 60947-2 19 kA Rated ultimate short-circuit breaking capacity Icu under 40V AC IEC 60947-2 19 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit br	Rating current 15°C according to IEC 60947	78.36 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 40°C according to IEC 60947 Rating current 45°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 50°C according to IEC 60947 Rating current 50°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 Rating current 70°C according to IEC 60947 Rated short circuit breaking capacity Icn under 4200 AC according IEC60898-1 10 kA Rated short circuit breaking capacity Icn under 4000 AC according IEC60898-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 2400 AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 16 kA Rated short circuit breaking capacity Icu under 4150 AC IEC 60947-2 17 kA Rated short circuit breaking capacity Icu under 2400 AC IEC 60989-1 10 kA Rated short circuit breaking capacity Icu under 2400 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 3800 AC IEC 60998-1 10 kA Rated ultimate short-circui	Rating current 20°C according to IEC 60947	76.35 A
Rating current 35°C according to IEC 60947 70.4 A Rating current 40°C according to IEC 60947 67.9 A Rating current 45°C according to IEC 60947 65.3 A Rating current 5°C according to IEC 60947 82.22 A Rating current 5°C according to IEC 60947 65.3 A Rating current 5°C according to IEC 60947 65.3 A Rating current 5°C according to IEC 60947 60.2 A Rating current 5°C according to IEC 60947 60.2 A Rating current 65°C according to IEC 60947 57.7 A Rating current 65°C according to IEC 60947 57.7 A Rating current 65°C according to IEC 60947 55.1 A Rating current 70°C according to IEC 60947 55.1 A Rating current 70°C according to IEC 60947 52.6 A Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 10 kA Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 30 kA Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60998-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60998-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60998-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60998-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 609947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC I	Rating current 25°C according to IEC 60947	74.29 A
Rating current 40°C according to IEC 60947 67.9 A Rating current 45°C according to IEC 60947 65.3 A Rating current 5°C according to IEC 60947 82.22 A Rating current 5°C according to IEC 60947 63.3 A Rating current 5°C according to IEC 60947 63.4 A Rating current 5°C according to IEC 60947 60.2 A Rating current 65°C according to IEC 60947 57.7 A Rating current 66°C according to IEC 60947 57.7 A Rating current 65°C according to IEC 60947 55.1 A Rating current 70°C according to IEC 60947 55.1 A Rating current 70°C according to IEC 60947 52.6 A Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 10 kA Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10 kA Rated short circuit breaking capacity Icn under 240V AC according IEC 60898-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 70 kA Rating current / temperature Rating current / temperature Rating current - 25°C 81.04 A Rating current - 10°C 79.57 A Rating current - 10°C 79.55 A Rating current - 10°C 79.55 A Rating current - 5°C 79.55 A Rating current - 5°C 79.55 A	Rating current 30°C according to IEC 60947	73.2 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 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 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 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 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 240V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60894-2 Rated ultimate short-circuit breaking capacity Icu under 25°C Rating current -25°C Rating current -25°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 35°C according to IEC 60947	70.4 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 Solva 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 60898-1 Rated short circuit breaking capacity Icn under 400V 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 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 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 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 240V AC according IEC 608947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 30 kA Rated ultimate short-ci	Rating current 40°C according to IEC 60947	67.9 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 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 450V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 450V 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 IEC 60947-2 Rated 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 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 Rating current -5°C	Rating current 45°C according to IEC 60947	65.3 A
Rating current 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Solve according IEC 60988-1 Rated short circuit breaking capacity Icn under 230V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn 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 410V 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 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 ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 25°C Rating current / temperature Rating current / temperature Rating current / temperature Rating current -15°C Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current 0°C	Rating current 5°C according to IEC 60947	82.22 A
Rating current 60°C according to IEC 60947 57.7 A Rating current 65°C according to IEC 60947 55.1 A Rating current 70°C according to IEC 60947 52.6 A Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1 10 kA Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1 10 kA Rated ultimate short-circuit breaking capacity Icn under 400V AC according IEC60898-1 30 kA Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icu under 240V AC according IEC 60988-1 10 kA Rated short circuit breaking capacity Icu under 240V AC according IEC 60988-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60988-1 10 kA Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icu under 25°C 81.04 A Rating current / temperature Rating current - 15°C 79.57 A Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current -0°C 75.05 A	Rating current 50°C according to IEC 60947	63 A
Rating current 65°C according to IEC 60947 Solar Rating current 70°C according to IEC 60947 Rating current 70°C according to IEC 60947 Solar 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 Icn under 240V 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 415V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC IEC 60947-2 Rated short circuit breaking capacity Icn under 240V AC according IEC 60988-1 Rated short circuit breaking capacity Icn under 415V AC according IEC 60988-1 Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 240V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 35°C Rated ultimate short-circuit breaking capacity Icn under 25°C Rating current / temperature Rating current / temperature Rating current -15°C Rating current -15°C Rating current -15°C Rating current -5°C	Rating current 55°C according to IEC 60947	60.2 A
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 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 IEC 60947-2 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 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 -15°C Rating current -15°C Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current -0°C	Rating current 60°C according to IEC 60947	57.7 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 Icu under 415V AC IEC 60947-2 Rated short circuit breaking capacity Icu under 240V AC according IEC 60947-2 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 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 78.07 A Rating current -15°C 76.54 A Rating current -10°C 75.05 A Rating current -5°C 75.05 A	Rating current 65°C according to IEC 60947	55.1 A
under 230V AC according IECG0898-1 Rated short circuit breaking capacity Icn under 400V AC according IECG0898-1 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 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 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icu under 415V AC according 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 15 kA Reted ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -25°C 81.04 A Rating current -15°C 78.07 A Rating current -10°C 76.54 A Rating current -0°C 75.05 A Rating current -0°C	Rating current 70°C according to IEC 60947	52.6 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 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 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 Rating current / temperature Rating current / temperature Rating current -20°C Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current -5°C 73.54 A		10 kA
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 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 Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current / temperature Rating current -25°C Rating current -20°C 79.57 A Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current -5°C 75.05 A		10 kA
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 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 / temperature Rating current -25°C Rating current -20°C 79.57 A Rating current -10°C 76.54 A Rating current -10°C 75.05 A Rating current -5°C 75.05 A		30 kA
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 380V AC IEC 60947-2 15 kA Electric current / temperature Rating current -25°C Rating current -20°C 79.57 A Rating current -10°C 76.54 A Rating current -10°C 75.05 A Rating current -5°C 75.05 A	3	30 kA
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 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 / 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 -5°C Rating current -5°C 75.05 A Rating current 0°C		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 -15°C Rating current -10°C Rating current -5°C	9	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	- · · · ·	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		10 kA
Electric current / temperature Rating current -25°C Rating current -20°C Rating current -15°C Rating current -10°C Rating current -5°C		30 kA
Rating current -25°C 81.04 A Rating current -20°C 79.57 A Rating current -15°C 78.07 A Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current 0°C 73.54 A		15 kA
Rating current -20°C 79.57 A Rating current -15°C 78.07 A Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current 0°C 73.54 A	Electric current / temperature	
Rating current -15°C 78.07 A Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current 0°C 73.54 A	Rating current -25°C	81.04 A
Rating current -10°C 76.54 A Rating current -5°C 75.05 A Rating current 0°C 73.54 A	Rating current -20°C	79.57 A
Rating current -5°C 75.05 A Rating current 0°C 73.54 A	Rating current -15°C	78.07 A
Rating current 0°C 73.54 A	Rating current -10°C	76.54 A
	Rating current -5°C	75.05 A
Rating current 5°C 72.03 A	Rating current 0°C	73.54 A
	Rating current 5°C	72.03 A

Rating current 10°C	70.52 A
Rating current 25°C	65.95 A
Rating current 30°C	63 A
Rating current 35°C	62.03 A
Rating current 40°C	60.5 A
Rating current 45°C	58.68 A
Rating current 50°C	58.27 A
Rating current 55°C	52.8 A
Rating current 60°C	50.51 A
Rating current 65°C	48.12 A
Rating current 70°C	45.6 A
Current correction factors	
Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3	0.05
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	35 mm
Frequency	
Frequency	50 to 60 Hz
Power	
Maximum power loss per pole according to the product standard	13 W
Total power loss under IN	13.1 W
Power loss per pole at In	6.99 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 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 European directive WEEE	concerned
	Concerned
Safety	
Protection index IP	IP20
REACH conform RoHS conform	No Yes
Halogen free	No
Han and Blanca	
Use conditions	25 70.00
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	50 °C