



NCN340A



MCB 3P 10kA/15kA C-40A 3M

Technical properties

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

Architecture	
Neutral position	without neutral
Number of protected poles	3
Number of poles	3 P
Type of pole	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	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	40 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 ln
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	58.11 A

Rating current -20°C according to IEC 60947 61.45 A Rating current -25°C according to IEC 60947 52.93 A Rating current -5°C according to IEC 60947 55.54 A Rating current 10°C according to IEC 60947 55.54 A Rating current 15°C according to IEC 60947 51.11 A Rating current 20°C according to IEC 60947 49.63 A Rating current 20°C according to IEC 60947 48.15 A Rating current 30°C according to IEC 60947 48.15 A Rating current 30°C according to IEC 60947 45.2 A Rating current 30°C according to IEC 60947 45.2 A Rating current 35°C according to IEC 60947 45.2 A Rating current 45°C according to IEC 60947 42.24 A Rating current 5°C according to IEC 60947 40.0 A Rating current 5°C according to IEC 60947 39.29 A Rating current 5°C according to IEC 60947 39.29 A Rating current 60°C according to IEC 60947 36.33 A Rating current 60°C according to IEC 60947 36.33 A Rating current 60°C according to IEC 60947 36.33 A Rating current 40°C according to IEC 60947 30.6 A Rated short circuit breaking capacity Icn under 400°V	Rating current -15°C according to IEC 60947	59.97 A
62.93 A		61.45 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 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 Rating current 40°C according to IEC 60947 Rated short circuit breaking capacity Icn under 200 A Caccording IEC 600989-1 10 kA Rated short circuit breaking capacity Icn under 200 A Caccording IEC 600989-1 Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 16 kA Rated ultimate short-circuit breaking capacity Icn under 200 A Caccording IEC 60947-2 17		62.93 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 5°C according to IEC 60947 Rating current 50°C according to IEC 60947 Rating current 50°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 50°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 10 kA Rated altitmate 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 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 400V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60989-1 Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947	Rating current -5°C according to IEC 60947	57.02 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 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 5°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 IEC60947-2 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 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 240V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 16 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 17 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 18 kA Rated ultimate short-circuit breaking capacity Icn under 415	Rating current 0°C according to IEC 60947	55.54 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 45°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 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 will timate short-circuit breaking capacity Icn under 400V AC according IEC 60989-1 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 15 kA Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 400V AC IEC 60947-2 16 kA Rated ultimate short-circuit breaking capacity Icn under 400V AC IEC 60947-2 17 kA Rated short circuit breaking capacity Icn under 400V AC IEC 60947-2 18 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC IEC 60947-2 19 kA Rated short circuit breaking capacity Icn under 415V AC IEC 60947-2 10 kA Rated short circuit breaking capacity Icn under 415V AC IEC 60947-2 15 kA Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 10 kA Rated short circuit breaking capacity Icn under 415V AC according IEC 60898-1 10 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 415V AC according IEC 60947-2 50 kA Rating current -25°C 50.75 A Rating cur	Rating current 10°C according to IEC 60947	52.58 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 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 lcn under 230V AC according IEC60988-1 Rated short circuit breaking capacity lcn under 400V AC according IEC60988-1 Rated ultimate short-circuit breaking capacity lcn under 230V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 240V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 400V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity lcn under 250V AC IEC 60947-2 Rated	Rating current 15°C according to IEC 60947	51.11 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 Rating current 70°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 Rated ultimate short-circuit breaking capacity Icu under 2400 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 4150 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 4200 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 4150 VAC IEC 60947-2 Rated short circuit breaking capacity Icn under 4150 VAC IEC 60947-2 Rated short circuit breaking capacity Icn under 4150 VAC IEC 60947-2 Rated short circuit breaking capacity Icn under 4150 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 4150 VAC according IEC 60898-1 Rated short circuit breaking capacity Icn under 4150 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 4150 VAC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 4150 VAC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn under 4150 VAC IEC 60947-2 So AA Rated ultimate short-circuit breaking capacity Icn under 4150 VAC IEC 60947-2 So AA Rated ultimate short-circuit breaking capacity Icn under 4150 VAC IEC 60947-2 So AA Rated ultimate short-circuit breakin	Rating current 20°C according to IEC 60947	49.63 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 50°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 230V AC IEC 60947-2 Rated 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 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 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 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 Rating current	Rating current 25°C according to IEC 60947	48.15 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 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 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 60947	Rating current 30°C according to IEC 60947	47.82 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 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 20V AC according IEC 60988-1 Rated short circuit breaking capacity Icu under 415V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icu under 220V AC according IEC 60988-1 Rated 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 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 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 ultim	Rating current 35°C according to IEC 60947	45.2 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 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 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 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 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 25°C 59.75 A Rating current -15°C 59.75 A Rating current -10°C 54.36 A Rating current -0°C 57.95 A Rating current 5°C 50.77 A Rating current 5°C	Rating current 40°C according to IEC 60947	43.72 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 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 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 So kA Rated ultimate short-circuit breaking capacity Icu under 25°C 59.75 A Rating current / temperature Rating current / temperature Rating current -10°C 54.36 A Rating current -0°C 55.57 A Rating current 0°C 46.98 A	Rating current 45°C according to IEC 60947	42.24 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 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 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 So kA Rated ultimate short-circuit breaking capacity Icu under 25°C 59.75 A Rating current / temperature Rating current / temperature Rating current -10°C 54.36 A Rating current -0°C 55.57 A Rating current 0°C 46.98 A	Rating current 5°C according to IEC 60947	54.06 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 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 280V 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 So IA Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current / 5°C So 157.5 A Rating current - 15°C So 16.6 A Rating current - 10°C So 2.57 A Rating current 0°C So 2.57 A Rating current 5°C 48.98 A		40 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 410V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 440V 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 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 415V AC according IEC 60898-1 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 30 kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 So kA Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60		39.29 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 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 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 Rated ultimate short-circuit breaking capacity Icn under 220V AC according IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 380V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 220V AC IEC 60947-2 Rated ultimate short-circuit breaking capacity Icn under 25°C S9.75 A Rating current -15°C S5.97 A Rating current -10°C S4.36 A Rating current -5°C S2.57 A Rating current 5°C S4.81 A Rating current 5°C S4.83 A		
Rated short circuit breaking capacity Icn under 230V AC according IEC 60988-1 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 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 Rated ultimate short-circuit breaking capacity Icn under 35V 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 Rating current -25°C 59.75 A Rating current -10°C 54.36 A Rating current -5°C 59.75 A Rating current -5°C 50.77 A Rating current 5°C		
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 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 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 280V AC IEC 60947-2 Rating current -25°C Sp.75 A Rating current -10°C Rating current -10°C Rating current -5°C Sp.77 A Rating current 5°C 48.98 A		
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 30 kA Rated ultimate short-circuit breaking capacity Icu under 400V 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 240V AC according IEC 60987-1 10 kA Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 10 kA Rated short circuit breaking capacity Icu under 240V AC according IEC 60898-1 30 kA Rated ultimate short-circuit breaking capacity Icu under 240V AC according IEC 60898-1 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 50 kA Rated ultimate short-circuit breaking capacity Icu under 220V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated ultimate short-circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated short circuit breaking capacity Icu under 250V AC IEC 60947-2 50 kA Rated short circuit breaking capacity Icu un	Rated short circuit breaking capacity Icn	
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 Rating current / temperature Rating current -20°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -10°C South active in the short-circuit in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -20°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -20°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -5°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -5°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -5°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -5°C South active in the short-circuit breaking capacity Icu under 380V AC IEC 60947-2 Rating current -5°C Rating current -5°C 48.98 A	Rated short circuit breaking capacity Icn	
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 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 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 S9.75 A Rating current -10°C S4.36 A Rating current -10°C S4.36 A Rating current -5°C S2.57 A Rating current 0°C A8.98 A		10 KA
city 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 2415V 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 380V AC IEC 60947-2 Rating current / temperature Rating current / temperature Rating current -25°C S9.75 A Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	- · · · · · · · · · · · · · · · · · · ·	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 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 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 S9.75 A Rating current -10°C 54.36 A Rating current -10°C 52.57 A Rating current 0°C S0.77 A Rating current 5°C 48.98 A		30 kA
city Icu under 415V 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 415V AC according IEC 60898-1 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 380V AC IEC 60947-2 15 kA Electric current / temperature Rating current -25°C 59.75 A Rating current -10°C 54.36 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	- · · · · · · · · · · · · · · · · · · ·	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 Soloto A Rating current 5°C August		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 Solution Rating current -5°C Solution So		10 kA
city 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 Solution Rating current -10°C Solution Rating current -5°C Rating current -5°C Rating current -5°C Rating current 5°C August 248.98 August 248.98 August 250.00000000000000000000000000000000000		10 kA
Electric current / temperature Rating current -25°C 59.75 A Rating current -20°C 57.95 A Rating current -15°C 56.16 A Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A		30 kA
Rating current -25°C 59.75 A Rating current -20°C 57.95 A Rating current -15°C 56.16 A Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	- · · · · · · · · · · · · · · · · · · ·	15 kA
Rating current -25°C 59.75 A Rating current -20°C 57.95 A Rating current -15°C 56.16 A Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	Electric current / temperature	
Rating current -15°C 56.16 A Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	Rating current -25°C	59.75 A
Rating current -10°C 54.36 A Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	Rating current -20°C	57.95 A
Rating current -5°C 52.57 A Rating current 0°C 50.77 A Rating current 5°C 48.98 A	Rating current -15°C	56.16 A
Rating current 0°C 50.77 A Rating current 5°C 48.98 A	Rating current -10°C	54.36 A
Rating current 5°C 48.98 A	Rating current -5°C	52.57 A
Rating current 5°C 48.98 A	Rating current 0°C	50.77 A
		48.98 A
	Rating current 10°C	47.18 A

Rating current 25°C	41.8 A
Rating current 30°C	40 A
Rating current 35°C	39.89 A
Rating current 40°C	39.79 A
Rating current 45°C	39.68 A
Rating current 50°C	39.57 A
Rating current 55°C	39.46 A
Rating current 60°C	39.36 A
Rating current 65°C	39.25 A
Rating current 70°C	39.14 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	7.5 W
Total power loss under IN	10.1 W
Power loss per pole at In	3.48 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	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
Class of energy limitation I ² t	3
Altitude	2000 m
Storage/transport temperature	-2580 °C
temperatur	
Temperature of calibration	50 °C