



HNA080U

Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 80A 40kA CTC

Technical properties

Arc	hi	tec	ctu	re
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Number of protected poles 3 P Number of poles 3 P Type of pole 3P3D Functions Finctions Trip Unit TM A/F Integrated earth fault protection No Concurrently switching N-neutral No Concurrently switching N-neutral No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 8 kV With under voltage release No Electric current Rated current 8 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 9.1. 6 A Rating current 25°C according to IEC 60947 8.8. 5 A Rating current 30°C according to IEC 60947 8.8. 5 A Rating current 30°C according to IEC 60947 8.8. 5 A Rating current 35°C according to IEC 60947 8.8. 5 A Rating current 35°C according to IEC 60947 8.8. 5 A Rating current 35°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 8.8. 5 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A Rating current 55°C according to IEC 60947 7.8. 1 A	Neutral position	without neutral
Functions Trip Unit TM A/F Integrated earth fault protection No Concurrently switching N-neutral No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 8 8 kV With under voltage release No Electric current Rated current 80 A A Rating current 15°C according to IEC 60947 ARating current 25°C according to IEC 60947 ARating current 45°C according to IEC 60947 ARATING current 55°C according	Number of protected poles	3
Functions Trip Unit TM A/F Integrated earth fault protection No Concurrently switching N-neutral No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 8 690 V Rated impulse withstand voltage 8 8kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 91.6 A Rating current 25°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 86.3 A Rating current 55°C according to IEC 60947 86.3 A Rating current 55°C according to IEC 60947 76.3 A Rating current 55°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 76.3 A	Number of poles	3 P
Trip Unit TM A/F Integrated earth fault protection No Concurrently switching N-neutral No Controls and Indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 8 8 kV With under voltage release No Electric current Rated current 8 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 9.1.6 A Rating current 20°C according to IEC 60947 8.5.2 A Rating current 30°C according to IEC 60947 8.5.2 A Rating current 40°C according to IEC 60947 8.5.2 A Rating current 30°C according to IEC 60947 8.5.2 A Rating current 30°C according to IEC 60947 8.5.2 A Rating current 40°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 8.5.2 A Rating current 50°C according to IEC 60947 7.5.1 A Rating current 50°C according to IEC 60947 7.6.3 A Rating current 60°C according to IEC 60947 7.6.3 A Rating current 60°C according to IEC 60947 7.6.3 A	Type of pole	3P3D
Integrated earth fault protection No Concurrently switching N-neutral No Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 88 kV With under voltage release No Electric current Rated current 80 A A A A A A A A A A A A A A A A A Rating current 45°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 55°C according to IEC 60947 Rating current 30°C according to IEC 60947 Rating current 30°C according to IEC 60947 Rating current 55°C	Functions	
Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 90.1 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.1 A Rating current 55°C according to IEC 60947 76.1 A Rating current 55°C according to IEC 60947 76.1 A Rating current 55°C according to IEC 60947 76.1 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A	Trip Unit	TM A/F
Controls and indicators Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 90.1 A Rating current 20°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 83.5 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 76.3 A Rating current 55°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A	Integrated earth fault protection	No
Motor drive integrated No Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 90.1 A Rating current 20°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A	Concurrently switching N-neutral	No
Main electrical features Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 83.5 A Rating current 50°C according to IEC 60947 83.5 A Rating current 50°C according to IEC 60947 83.5 A Rating current 50°C according to IEC 60947 78.1 A Rating current 50°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 78.1 A	Controls and indicators	
Rated operational voltage Ue 220 / 415 V Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 90.1 A Rating current 20°C according to IEC 60947 88.5 A Rating current 25°C according to IEC 60947 88.5 A Rating current 35°C according to IEC 60947 86.8 A Rating current 35°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 75.1 A Rating current 50°C according to IEC 60947 75.3 A Rating current 60°C according to IEC 60947 75.3 A Rating current 60°C according to IEC 60947 75.3 A Rating current 60°C according to IEC 60947 75.3 A Rating current 60°C according to IEC 60947 75.3 A	Motor drive integrated	No
Frequency 50/60 Hz Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 20°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 86.8 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 76.3 A Rating current 50°C according to IEC 60947 77.1 A Rating current 60°C according to IEC 60947 77.1 A Rating current 60°C according to IEC 60947 77.1 A Rating current 60°C according to IEC 60947 77.1 A Rating current 60°C according to IEC 60947 77.1 A Rating current 60°C according to IEC 60947 77.1 A	Main electrical features	
Voltage Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 20°C according to IEC 60947 90.1 A Rating current 20°C according to IEC 60947 90.1 A Rating current 25°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 88.5 A Rating current 35°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.2 A Rating current 50°C according to IEC 60947 85.4 A Rating current 50°C according to IEC 60947 85.4 A Rating current 50°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A	Rated operational voltage Ue	220 / 415 V
Rated insulation voltage 690 V Rated impulse withstand voltage 8 kV With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 15°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 25°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 86.8 A Rating current 35°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 83.5 A Rating current 55°C according to IEC 60947 81.7 A Rating current 55°C according to IEC 60947 78.1 A Rating current 55°C according to IEC 60947 78.1 A Rating current 65°C according to IEC 60947 78.1 A Rating current 65°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 76.3 A	Frequency	50/60 Hz
Rated impulse withstand voltage Release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 15°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 25°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 86.8 A Rating current 30°C according to IEC 60947 85.2 A Rating current 35°C according to IEC 60947 85.2 A Rating current 45°C according to IEC 60947 85.2 A Rating current 45°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 85.2 A Rating current 55°C according to IEC 60947 76.3 A Rating current 50°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A	Voltage	
With under voltage release No Electric current Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 15°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 25°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 86.8 A Rating current 30°C according to IEC 60947 85.2 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 83.5 A Rating current 40°C according to IEC 60947 83.5 A Rating current 50°C according to IEC 60947 80.4 Rating current 50°C according to IEC 60947 70.1 A Rating current 50°C according to IEC 60947 70.1 A Rating current 50°C according to IEC 60947 70.1 A Rating current 60°C according to IEC 60947 70.3 A Rating current 60°C according to IEC 60947 70.3 A Rating current 60°C according to IEC 60947 70.3 A	Rated insulation voltage	690 V
Electric current Rated current 80 A Thermal protection nob setting xIN 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 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 55°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 65°C according to IEC 60947 Rating current 65°C according to IEC 60947 Rating current 65°C according to IEC 60947 76.3 A	Rated impulse withstand voltage	8 kV
Rated current 80 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 93.2 A Rating current 15°C according to IEC 60947 91.6 A Rating current 20°C according to IEC 60947 90.1 A Rating current 25°C according to IEC 60947 88.5 A Rating current 30°C according to IEC 60947 86.8 A Rating current 30°C according to IEC 60947 85.2 A Rating current 40°C according to IEC 60947 83.5 A Rating current 40°C according to IEC 60947 83.5 A Rating current 50°C according to IEC 60947 81.7 A Rating current 50°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 76.3 A	With under voltage release	No
Thermal protection nob setting xIN 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 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 55°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 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947	Electric current	
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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 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 50°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 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947	Thermal protection nob setting xIN	0.63 / 0.8 / 1
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 40°C according to IEC 60947 Rating current 40°C according to IEC 60947 Rating current 45°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 55°C according to IEC 60947 Rating current 60°C according to IEC 60947 Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947	Rating current 10°C according to IEC 60947	93.2 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 50°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 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947	Rating current 15°C according to IEC 60947	91.6 A
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Rating current 40°C according to IEC 60947 Rating current 45°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 74.4 A	Rating current 30°C according to IEC 60947	86.8 A
Rating current 45°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 76.3 A Rating current 65°C according to IEC 60947 74.4 A	Rating current 35°C according to IEC 60947	85.2 A
Rating current 50°C according to IEC 60947 80 A Rating current 55°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 74.4 A	Rating current 40°C according to IEC 60947	83.5 A
Rating current 55°C according to IEC 60947 78.1 A Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 74.4 A	Rating current 45°C according to IEC 60947	81.7 A
Rating current 60°C according to IEC 60947 76.3 A Rating current 65°C according to IEC 60947 74.4 A	Rating current 50°C according to IEC 60947	80 A
Rating current 65°C according to IEC 60947 74.4 A	Rating current 55°C according to IEC 60947	78.1 A
	Rating current 60°C according to IEC 60947	76.3 A
Rating current 70°C according to IEC 60947 72.4 A	Rating current 65°C according to IEC 60947	74.4 A
	Rating current 70°C according to IEC 60947	72.4 A

Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	85 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	85 k <i>A</i>
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	40 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	40 kA
Range of the thermal adjustment	50 / 63 / 80 A
Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2	40 k <i>A</i>
Dimensions	
Depth of installed product	68 mm
Height of installed product	130 mm
Width of installed product	75 mm
Frequency	
Frequency	50 to 60 Hz
Power	
Power loss per pole at 0.63*In	4.2 W
Power loss per pole at 0.8*In	6.6 W
Total power loss at 0.63*In	12.5 V
Total power loss at 0.8*In	19.9 W
Total power loss under IN	32.1 W
Power loss per pole at In Endurance	10.7 W
Electric endurance in number of cycles	1000
Number of mechanical operations	4000
Connection	
Type of connection	with screw
Settings	
Range of the magnetic adjustment	1000 A
Equipment	
Number of auxiliary contacts as normally closed contact	C
Number of auxiliary contacts as normally open contact	(
Number of auxiliary contacts as change- over contact	(
Can be accessorized	Yes
Standards	
Standard text	IEC 60947-2
Safety	
REACH conform	Yes
RoHS conform	Yes

Halogen free	No
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Altitude	2000 m
temperatur	
Temperature of calibration	50 °C