



## HNA100U

## Moulded Case Circuit Breaker h3 x160 TM ADJ 3P3D 100A 40kA CTC

## **Technical properties**

Arc	hi	te	cti	ure
-----	----	----	-----	-----

Number of protected poles 3 P Number of poles 3 P Type of pole 3P3D  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 690 V Rated impulse withstand voltage 8 kV	Neutral position	without neutral
Number of poles 3 P P Type of pole 3P3D Functions  Functions  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 We 690 V Rated insulation voltage 8 kV With under voltage release No Mo  Electric current  Rated current 10°C according to IEC 60947 121.6 A Rating current 25°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 121.6 A Rating current 35°C according to IEC 60947 121.8 A Rating current 40°C according to IEC 60947 121.3 A Rating current 35°C according to IEC 60947 121.3 A Rating current 40°C according to IEC 60947 121.3 A Rating current 40°C according to IEC 60947 121.3 A Rating current 40°C according to IEC 60947 121.3 A Rating current 55°C according to IEC 60947 121.3 A Rating current 55°C according to IEC 60947 121.3 A Rating current 55°C according to IEC 60947 120.9 A Rating current	·	
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 10°C according to IEC 60947 11.1 A Rating current 25°C according to IEC 60947 10.5 A Rating current 40°C according to IEC 60947 10.5 A Rating current 45°C according to IEC 60947 10.0 A Rating current 45°C according to IEC 60947 10.0 A Rating current 45°C according to IEC 60947 10.0 A Rating current 45°C according to IEC 60947 10.0 A Rating current 45°C according to IEC 60947 10.5 A Rating current 45°C according to IEC 60947 10.5 A Rating current 50°C according to IEC 60947 10.5 A Rating current 45°C according to IEC 60947 10.5 A Rating current 55°C a		
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 10°C according to IEC 60947 111.3 A Rating current 20°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 102.9 A Rating current 40°C according to IEC 60947 103.8 A Rating current 35°C according to IEC 60947 105.8 A Rating current 45°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A	·	
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 10°C according to IEC 60947 111.3 A Rating current 20°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 102.9 A Rating current 40°C according to IEC 60947 103.8 A Rating current 35°C according to IEC 60947 105.8 A Rating current 45°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A	<b>-</b>	
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 88 kV With under voltage release No Electric current  Rated current 10°C according to IEC 60947 121.6 A Rating current 15°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 105.8 A Rating current 40°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according		
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 690 V  Rated insulation voltage 8 kV  With under voltage release No  Electric current  Rated current 10°C according to IEC 60947 116.6 A  Rating current 20°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 108.6 A  Rating current 40°C according to IEC 60947 108.6 A  Rating current 30°C according to IEC 60947 108.6 A  Rating current 30°C according to IEC 60947 108.6 A  Rating current 30°C according to IEC 60947 108.6 A  Rating current 40°C according to IEC 60947 108.6 A  Rating current 40°C according to IEC 60947 109.8 A  Rating current 40°C according to IEC 60947 109.8 A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 100. A  Rating current 55°C according to IEC 60947 96.9 A  Rating current 55°C according to IEC 60947 96.9 A  Rating current 65°C according to IEC 60947 93.8 A  Rating current 65°C according to IEC 60947 90.5 A	<u> </u>	TM A/F
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 10°C according to IEC 60947 11.1 A Rating current 20°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 10.8 A Rating current 40°C according to IEC 60947 10.8 A Rating current 40°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 11.3 A Rating current 30°C according to IEC 60947 10.8 A Rating current 40°C according to IEC 60947 10.8 A Rating current 40°C according to IEC 60947 10.8 A Rating current 55°C according to IEC 60947 10.9 A Rating current 55°C according to IEC 60947 10.0 A Rating current 55°C according to IEC 60947 10.0 A Rating current 55°C according to IEC 60947 10.0 A Rating current 55°C according to IEC 60947 10.0 A Rating current 55°C according to IEC 60947 10.0 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 65°C according to IEC 60947 93.8 A		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 100 A  Thermal protection nob setting xIN 0.63 / 0.8 / 1  Rating current 10°C according to IEC 60947 121.6 A  Rating current 20°C according to IEC 60947 119.1 A  Rating current 20°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 110.8 A  Rating current 40°C according to IEC 60947 108.6 A  Rating current 40°C according to IEC 60947 109.8 A  Rating current 40°C according to IEC 60947 109.8 A  Rating current 50°C according to IEC 60947 100. 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 10°C according to IEC 60947 121.6 A Rating current 20°C according to IEC 60947 111.3 A Rating current 20°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 110.6 A Rating current 30°C according to IEC 60947 110.8 A Rating current 30°C according to IEC 60947 100.8 A Rating current 40°C according to IEC 60947 100.8 A Rating current 40°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.8 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 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 100 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 121.6 A Rating current 20°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 116.6 A Rating current 25°C according to IEC 60947 111.3 A Rating current 25°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 105.8 A Rating current 40°C according to IEC 60947 105.8 A Rating current 40°C according to IEC 60947 105.8 A Rating current 50°C according to IEC 60947 100. A Rating current 55°C according to IEC 60947 100. A Rating current 55°C according to IEC 60947 100. A Rating current 55°C according to IEC 60947 100. A Rating current 55°C according to IEC 60947 96.9 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 65°C according to IEC 60947 93.8 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 100 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 121.6 A Rating current 20°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 116.6 A Rating current 20°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 40°C according to IEC 60947 105.8 A Rating current 40°C according to IEC 60947 105.8 A Rating current 40°C according to IEC 60947 105.8 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 100.9 A Rating current 50°C according to IEC 60947 96.9 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 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 100 A  Thermal protection nob setting xIN 0.63 / 0.8 / 1  Rating current 10°C according to IEC 60947 121.6 A  Rating current 20°C according to IEC 60947 119.1 A  Rating current 20°C according to IEC 60947 116.6 A  Rating current 25°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 111.3 A  Rating current 30°C according to IEC 60947 108.6 A  Rating current 40°C according to IEC 60947 108.8 A  Rating current 40°C according to IEC 60947 105.8 A  Rating current 50°C according to IEC 60947 100.9 A  Rating current 50°C according to IEC 60947 100.9 A  Rating current 50°C according to IEC 60947 100.9 A  Rating current 50°C according to IEC 60947 100.9 A  Rating current 60°C according to IEC 60947 96.9 A  Rating current 60°C according to IEC 60947 93.8 A  Rating current 60°C according to IEC 60947 93.8 A  Rating current 60°C according to IEC 60947 93.8 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 100 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 121.6 A Rating current 15°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 116.6 A Rating current 25°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 103.6 A Rating current 45°C according to IEC 60947 103.6 A Rating current 45°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A Rating current 65°C according to IEC 60947 105.8 A	Frequency	50/60 Hz
Rated impulse withstand voltage Release No  Electric current  Rated current 100 A Thermal protection nob setting xIN 0.63 / 0.8 / 1 Rating current 10°C according to IEC 60947 121.6 A Rating current 15°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 116.6 A Rating current 25°C according to IEC 60947 114 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 105.8 A Rating current 45°C according to IEC 60947 105.8 A Rating current 45°C according to IEC 60947 105.8 A Rating current 55°C according to IEC 60947 100.9 A Rating current 55°C according to IEC 60947 100.9 A Rating current 55°C according to IEC 60947 96.9 A Rating current 55°C according to IEC 60947 96.9 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 65°C according to IEC 60947 93.8 A	Voltage	
Electric current  Rated current  100 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 25°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 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 60°C according to IEC 60947	Rated insulation voltage	690 V
Electric current  Rated current  100 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 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 65°C according to IEC 60947	Rated impulse withstand voltage	8 kV
Rated current 10°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 119.1 A Rating current 20°C according to IEC 60947 119.1 A Rating current 25°C according to IEC 60947 114 A Rating current 30°C according to IEC 60947 114 A Rating current 30°C according to IEC 60947 111.3 A Rating current 30°C according to IEC 60947 111.3 A Rating current 35°C according to IEC 60947 108.6 A Rating current 40°C according to IEC 60947 105.8 A Rating current 45°C according to IEC 60947 102.9 A Rating current 50°C according to IEC 60947 100 A Rating current 50°C according to IEC 60947 96.9 A Rating current 60°C according to IEC 60947 93.8 A Rating current 60°C according to IEC 60947 93.8 A Rating current 65°C according to IEC 60947 90.5 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  96.9 A  Rating current 60°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947	Electric current	
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 50°C according to IEC 60947  Rating current 55°C according to IEC 60947  Rating current 65°C according to IEC 60947  96.9 A  Rating current 65°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947	Rated current	100 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 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 50°C according to IEC 60947  Rating current 55°C according to IEC 60947  Rating current 60°C according to IEC 60947  96.9 A  Rating current 60°C according to IEC 60947  93.8 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 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  96.9 A  Rating current 60°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947	Rating current 10°C according to IEC 60947	121.6 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  96.9 A  Rating current 60°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947	Rating current 15°C according to IEC 60947	119.1 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 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  93.8 A  Rating current 65°C according to IEC 60947  90.5 A	Rating current 20°C according to IEC 60947	116.6 A
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 60°C according to IEC 60947  Rating current 60°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947  90.5 A	Rating current 25°C according to IEC 60947	114 A
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 55°C according to IEC 60947  Rating current 60°C according to IEC 60947  Rating current 60°C according to IEC 60947  93.8 A  Rating current 65°C according to IEC 60947  90.5 A	Rating current 30°C according to IEC 60947	111.3 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  93.8 A  Rating current 65°C according to IEC 60947  90.5 A	Rating current 35°C according to IEC 60947	108.6 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  93.8 A  Rating current 65°C according to IEC 60947  90.5 A	Rating current 40°C according to IEC 60947	105.8 A
Rating current 55°C according to IEC 60947 96.9 A  Rating current 60°C according to IEC 60947 93.8 A  Rating current 65°C according to IEC 60947 90.5 A	Rating current 45°C according to IEC 60947	102.9 A
Rating current 60°C according to IEC 60947 93.8 A  Rating current 65°C according to IEC 60947 90.5 A	Rating current 50°C according to IEC 60947	100 A
Rating current 65°C according to IEC 60947 90.5 A	Rating current 55°C according to IEC 60947	96.9 A
	Rating current 60°C according to IEC 60947	93.8 A
Rating current 70°C according to IEC 60947 87.1 A	Rating current 65°C according to IEC 60947	90.5 A
	Rating current 70°C according to IEC 60947	87.1 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/
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	40 k
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	40 k
Range of the thermal adjustment	63 / 80 / 100 /
Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2	40 k
Dimensions	
Depth of installed product	68 mr
Height of installed product	130 mr
Width of installed product	75 mr
Frequency	
Frequency	50 to 60 H
Power	
Power loss per pole at 0.63*In	4.7 V
Power loss per pole at 0.8*In	7.6 V
Total power loss at 0.63*In	14.2 V
Total power loss at 0.8*In	22.9 V
Total power loss under IN	35.7 V
Power loss per pole at In	11.9 V
Endurance	
Electric endurance in number of cycles	100
Number of mechanical operations	400
Connection	
Type of connection	with screv
Settings	
Range of the magnetic adjustment	1500 /
Equipment	
Number of auxiliary contacts as normally closed contact	
Number of auxiliary contacts as normally open contact	(
Number of auxiliary contacts as change- over contact	
Can be accessorized	Ye
Standards	
Standard text	IEC 60947-
Safety	
Safety REACH conform	Ye

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