



HEQ800FR

Moulded Case Circuit Breaker h3+ PW1600 LI 3P3D 800A 70kA FTC

Technical Features

Electric current	
Rated current	800 A
Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu under 240 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity Icu under 415 V AC IEC 60947-2	70 kA
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Rated ultimate short-circuit breaking capacity Icu under 230 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity lcu under 240 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity lcu under 400 V AC IEC 60947-2	70 kA
Rated ultimate short-circuit breaking capacity lcu under 415 V AC IEC 60947-2	70 kA
Breaking capacity on 1-pole for AC 230 V IEC 60947-2	19.2 kA
Breaking capacity on 1-pole for AC 400 V IEC 60947-2	19.2 kA
Architecture	
Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Tripping	
Response time when opening	12 ms
Electric current	
Rated service breaking capacity lcs under 220 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity lcs under 230 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity lcs under 240 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity lcs under 380 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity Ics under 400 V AC according to IEC 60947-2	50 kA
Rated service breaking capacity lcs under 415 V AC according to IEC 60947-2	50 kA
Rated current 10°C according to IEC 60947	800 A
Rated current 15°C according to IEC 60947	800 A
Rated current 20°C according to IEC 60947	800 A
Rated current 25°C according to IEC 60947	800 A
Rated current 30°C according to IEC 60947	800 A
Rated current at 35°C according to IEC 60947	800 A
Rated current at 40°C according to IEC 60947	800 A
Rated current 45°C according to IEC 60947	800 A
Rated current 50°C according to IEC 60947	800 A
Rated current 55°C according to IEC 60947	800 A
Rated current at 60°C according to IEC 60947	800 A
Rated current 70°C according to IEC 60947	800 A
Rated current 65°C according to IEC 60947	800 A
Frequency	
Frequency	50 - 60 Hz
Installation, mounting	
Nominal tightening torque	50-50 Nm
Mounting-/Connection Position	Front
Voltage	
Rated impulse withstand voltage Uimp	8 kV
Rated insulation voltage Ui	1000 V

Nominal tightening torque	50-50 Nm
Mounting-/Connection Position	Front
Voltage	
Rated impulse withstand voltage Uimp	8 kV
Rated insulation voltage Ui	1000 V
Rated operational voltage Ue	220 - 690 V

Trip unit	Sentinel LI
Power	
Total power loss under IN	23.6 W
Power loss per pole at In	4.6 W

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