



HMK380

MCB 3P 30kA C-80A 4.5M

Technical Features

Architecture

Type of pole	3P
Curve	C

Voltage

Rated operational voltage U_e	415 - 415 V
Type voltage supply	AC
Rated insulation voltage U_i	500 V
Rated impulse withstand voltage U_{imp}	6000 V

Frequency

Frequency	50 - 60 Hz
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Installation, mounting

Nominal tightening torque	3.5 - 5.0 Nm
Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	Screw terminal

Electric current

Rated current	80 A
Rated ultimate short-circuit breaking capacity I_{cu} under 230 V AC IEC 60947-2	30 kA
Rated ultimate short-circuit breaking capacity I_{cu} under 400 V AC IEC 60947-2	30 kA

Main electrical attributes

Rated short-circuit breaking capacity I_{cn} AC according to IEC 60898-1	30 kA
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Installation, mounting

Nominal tightening torque down terminal	3.60 - 3.60 Nm
Nominal tightening torque top terminal	3.60 - 3.60 Nm

Power

Total power loss under I_N	20.32 W
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Endurance

Electric endurance in number of cycles	1500
Number of mechanical operations	20000

Connection

Cross-section of input and output with screws, for massive conductors	1 - 70 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 50 mm ²
Cross-section flexible conductor	50 mm ²
Cross-section rigid conductor	70 mm ²

Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	3
Air humidity protection	For all climates
Operating temperature	-25 - 70 °C

Capacity

Number of modules	4.50
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Connectivity

Top connection alignment for modular devices	Aligned terminal
Down connection alignment for modular devices	Aligned terminal

Dimensions

Height	90 mm
Width	80 mm
Depth	70 mm

Product Datasheet

HMK380

Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes

Illustrations | Drawings

