



### MCB 4P 10kA C-80A 6M

Reference: HLF480S  
 EAN Code: 3250613230944  
 Pack quantity: 1 Part  
 Product price list: To be defined

#### Description

Technical information	Values
Breaking capacity	10 kA
Breaking capacity on 1 pole with 400 V NF 60947-2	4.5 kA
Connection cross-sect. flexible cable	35mm <sup>2</sup>
Connection cross-sect. rigid cable	70 mm <sup>2</sup>
Connection type (text)	With screw
Curve	C
Device family	HLF
Electric endurance in number of cycles	4000
Frequency	50/60 Hz
Hager installation time	90 s
Hager wiring time	1016 s
Installation time	90 s
Magnetic regulating current at 40° C	5 IN; 10 IN
min/maxi threshold value of the AC thermal operation	1.13 IN; 1.45 IN
Net weight of the product	818 g
Number of half-modules for the labelling field	12 ½ Mod
Number of mechanical operations	10000
Number of modules	6
Number of poles	4 P
Number of products in the packaging	1
Operating temperature	-5 °C to 60 °C
Position of the terminals	Aligned
Power loss per pole at In	6.7 W

## HLF480S

Technical information	Values
Product group number for calculating the heating processes	1
Protection index IP	20
Quantity of half modules of 17,7mm	12 ½ Mod
Rated current	80 A
Rated impulse withstand voltage	6000 V
Rated insulation voltage	0.5 V
Rated operational voltage Ue	415 V
Rated service breaking capacity Ics AC according IEC 60947-2	75 %
Rated short circuit breaking capacity Icn AC according IEC60898-1	10 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	20 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	10 kA
Rating current 20°C	80 A
Rating current 30°C	80 A
Rating current 35°C	77.6 A
Rating current 40°C	75.1 A
Rating current 45°C	72.6 A
Rating current 50°C	70 A
Rating current 55°C	67.2 A
Rating current 60°C	64.4 A
Rating current 70°C	59.4 A
Tightening torque	3,5 à 5Nm
Total power loss under IN	25.71 W
Type of pole	4 P
Wiring time	1016 s