



### MCB 4P 6/10kA C-32A 4M

Reference: NF432A  
 EAN Code: 3250614668630  
 Pack quantity: 3 Piece  
 Product price list: To be defined

#### Description

Technical information	Values
Assigned frequency	50/60 Hz
Breaking capacity	[6] - 10 kA
Breaking capacity on 1pole in IT, 400 V (NF EN 60947-2)	3 kA
Connection cross-section of the upstream and downstream screw terminals, in flexible cable	1 mm <sup>2</sup> to 16 mm <sup>2</sup>
Connection cross-section of the upstream and downstream screw terminals, in rigid cable	1 mm <sup>2</sup> to 25 mm <sup>2</sup>
Connection type (text)	With screw
Correction coefficient for magnetic tripping at 100 Hz	1.1
Correction coefficient for magnetic tripping at 200 Hz	1.2
Correction coefficient for magnetic tripping at 400 Hz	1.5
Correction coefficient for magnetic tripping at 60 Hz	1
Curve	C
Degree of contamination in accordance with CEI664	2
Depth	70 mm
Device from the family	NF
Does the circuit breaker have a cut neutral?	no
Electrical endurance in number of cycles	10000
Energy limitation class I <sup>2</sup> t	3
Hager installation time	90 s
Hager wiring time	720 s
Height	83 mm
IN	32 A
Installation time	90 s
Maximum downstream fuse rating aM for selectivity on DC	8 A

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Technical information	Values
Maximum downstream fuse rating gL for selectivity on DC	16 A
Mechanical endurance, number of manoeuvres	20000
Min./max. threshold value for AC magnetic operation	5 IN; 10 IN
Min./max. threshold value for AC thermal operation	1.13 IN; 1.45 IN
Min./max. threshold value for DC magnetic operation	5 IN; 15 IN
Min./max. threshold value for DC thermal operation	1.13 IN; 1.45 IN
Net weight of the product	475 g
No. of poles	4 P
Number of half modules, 17.5 mm	8 ½ Mod
Number of half-modules for the labelling field	8 ½ Mod
Number of modules	4
Number of products in the packaging	3
Operating temperature	-25 °C to 60 °C
Pole type	4 P
Power dissipated via pole	3.59 W
Product group number for calculating the heating processes	1
Rated AC operating voltage	230 V; 400 V
Rated breaking capacity	6 kA
Rated breaking capacity, 400 V, 50 Hz	6 kA
Rated current at 20°C	34.6 A
Rated current at 30°C	32 A
Rated current at 35°C	30.7 A
Rated current at 40°C	29.4 A
Rated current at 45°C	28.2 A
Rated current at 50°C	26.9 A
Rated current at 55°C	25.6 A
Rated current at 60°C	24.3 A
Rated current at 70°C	21.8 A
Rated impulse-withstand voltage	4000 V
Rated insulation voltage	0.5 V
Service breaking capacity in accordance with NF EN 60898	6 kA
Tightening torque	2,8Nm
Total power dissipated under IN	14 W
Ultimate AC breaking capacity 230 V (NF EN 60947-2)	20 kA
Ultimate AC breaking capacity 400 V (NF EN 60947-2)	10 kA

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Technical information	Values
Width	70 mm
Wiring time	720 s