



### MCB 2P 15kA D-80A 3M

Reference: HMD280  
 EAN Code: 3250613230289  
 Pack quantity: 1 Part  
 Product price list: To be defined

#### Description

Technical information	Values
Breaking capacity	[15] - 15 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	D
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Depth of installed product	70 mm
Device family	HMD
Electric endurance in number of cycles	4000
Frequency	50/60 Hz
Hager installation time	90 s
Hager wiring time	568 s
Height of installed product	90 mm
Installation time	90 s
Magnetic regulating current at 40° C	10 IN; 20 IN
min/maxi threshold value of the AC thermal operation	1.13 IN; 1.45 IN
Net weight of the product	475 g
Number of half-modules for the labelling field	6 ½ Mod
Number of mechanical operations	20000
Number of modules	3
Number of poles	2 P
Number of products in the packaging	1

## HMD280

Technical information	Values
Operating temperature	-5 °C to 60 °C
Position of the terminals	Aligned
Power loss per pole at In	6.1 W
Product group number for calculating the heating processes	1
Protection index IP	IP20
Quantity of half modules of 17,7mm	6 ½ Mod
Rated current	80 A
Rated impulse withstand voltage	6000 V
Rated insulation voltage	500 V
Rated operational voltage Ue	415 V
Rated service breaking capacity Ics AC according IEC 60898-1	7.5 kA
Rated service breaking capacity Ics AC according IEC 60947-2	50 %
Rated short circuit breaking capacity Icn AC according IEC60898-1	15 kA
Rated short circuit breaking capacity Icn under 230V AC according IEC60898-1	15 kA
Rated short circuit breaking capacity Icn under 400V AC according IEC60898-1	15 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	30 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	15 kA
Rating current -10°C according to IEC 60947-2	112 A
Rating current -15°C according to IEC 60947-2	115 A
Response time to the opening	7 ms
Standard text	EN 60898
Tightening torque	3,5 à 5Nm
Total power loss under IN	11.98 W
Type of pole	2 P
Width of installed product	53 mm
Wiring time	568 s