

Catalogue No: **MOD6216**  
**MCB MOD6 6kA 2P 16A C CURVE**

Power Distribution and Protection > Circuit Breakers > Miniature Circuit Breakers and Earth Leakage Protection (RCDs and RCBOs) > MOD6 Miniature Circuit Breaker > MOD6 6kA MCB > C-Curve (5 - 10 In)



Representative Photo Only  
 (actual product may vary based on configuration selections)

MOD6 MCB, 6kA, 2P, 16A, C curve

- NHP MOD6 MCBs offering core range of quality 6kA circuit protection that has been tested to local standards and holds Australian and New Zealand approvals.

**SPECIFICATIONS**

Product Series	MOD6
Component Type Power Distribution & Protection	MCB
Trip Curve	C
In, Rated Current at 30°C	16 A @30°C
Number of Poles	2
Poles	2P
Neutral Pole Protected	Yes
Rated Frequency	50 / 60 Hz
Un, Nominal Operational Voltage, AC	415 V AC
Un, Nominal Operational Voltage(s), AC	415 V AC
Un, Nominal Operational Voltage, DC	110 V DC
U <sub>bmin</sub> , Service Voltage, AC, Min	12 V AC
U <sub>bmax</sub> , Service Voltage, AC, Max	440 V AC
U <sub>bmax</sub> , Service Voltage, DC, Max	120 V DC
Isolator Application, IEC 60947-2	Yes
Impulse Withstand Test Voltage	6 kV
Insulation Resistance	10000 MΩ
Dielectric Strength	2.5kV V AC
Electrical Service Life at Un, In	10000 cycles
Mechanical Service Life	20000 cycles
Utilisation Category	A
IP Rating, Inside	IP40
IP Rating, Outside	IP20
Flammability Rating (UL94)	UL 94 V-2
Wire / Conductor Size, Rigid Cable, In, Min	1 mm <sup>2</sup> In
Wire / Conductor Size, Rigid Cable, Top, Max	25 mm <sup>2</sup> Top
Wire / Conductor Size, Rigid Cable, Out, Min	1 mm <sup>2</sup> Out
Wire / Conductor Size, Flex Cable, Top, Max	25 mm <sup>2</sup> Top

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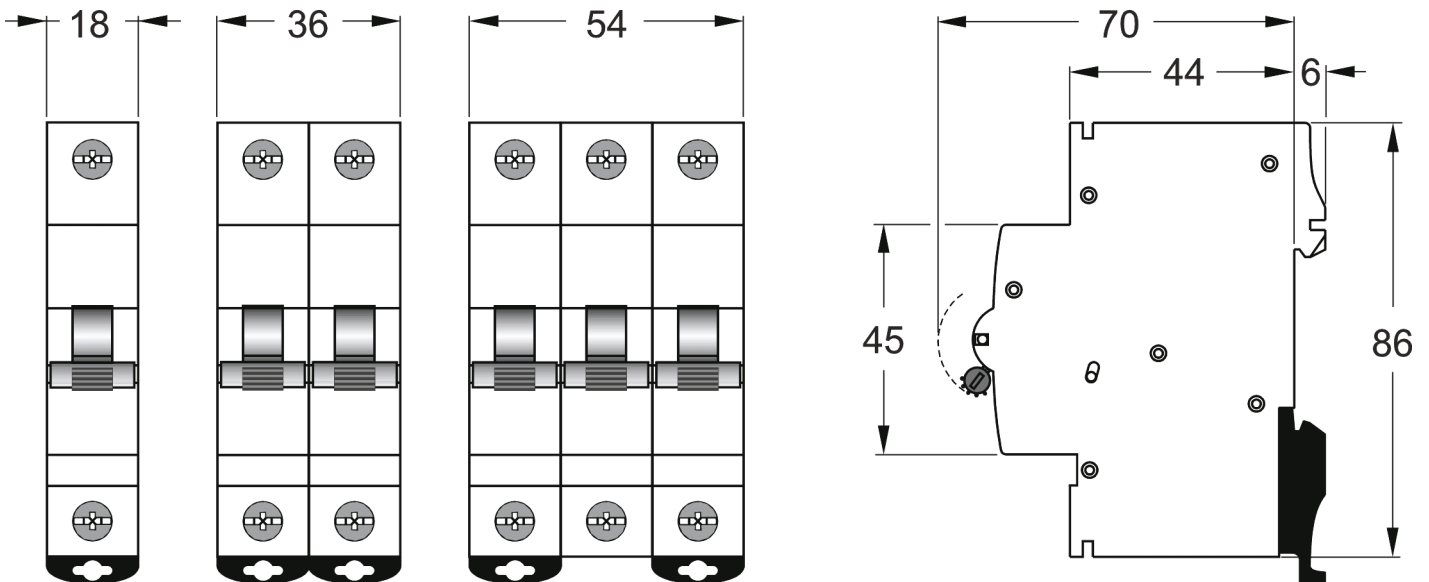
Wire / Conductor Size, Flex Cable, In, Min	0.75 mm <sup>2</sup> In
Wire / Conductor Size, Rigid Cable, Bottom, Max	25 mm <sup>2</sup> Bottom
Wire / Conductor Size, Flex Cable, Out, Min	0.75 mm <sup>2</sup> Out
Wire / Conductor Size, Flex Cable, Bottom, Max	25 mm <sup>2</sup> Bottom
Tightening Torque, Top, Nominal	4.5 Nm
Tightening Torque, Bottom, Nominal	4.5 Nm
Busbar System, Top	Fork Pin
Busbar System, Bottom	Fork Pin
Trip-Free Mechanism	Yes
Mounting	DIN-35 Rail Mount
Sealable	Yes
Centre Trip Position	No
Accessories	No
Icn, Rated Short-Circuit Capacity, 2P, 230/400V AC	6 kA
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60898)	100 % Icn
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 127V AC, 2P	30 kA @127VAC, 2P
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC	10 kA @415VAC
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	100 % Icu
Height	86 mm
Width	36 mm
Depth	76 mm
Weight	0.24 kg
Package Quantity	6 qty
Approval(s)	N17481
Neutral Pole Switched	Yes
Operating Temperature, Min	-25 °C min
Operating Temperature, Max	55 °C max
Storage Temperature, Min	-25 °C min
Storage Temperature, Max	55 °C max
Relative Humidity, Max	95 %RH
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 240V AC, 2P	20 kA @240VAC, 2P
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 415V AC, 2P	10 kA @415VAC, 2P
Icu, Rated Ultimate Short-Circuit Breaking Capacity, 125V DC, 2P	25 kA @125VDC, 2P
Shock Acceleration (Max.)	40 g
Shock Duration (Max.)	5 ms
Shock Rating	IEC 60068-2-27
Vibration Acceleration (Max.)	3 m/s <sup>2</sup>
Vibration Rating	IEC 60077-16-3
Standards Compliance	IEC 60898 AS/NZS 60898
Certifications	CE RCM

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REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	<a href="#">MOD6xxx_Supplier Declaration of Conformity (SDoC)</a>
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



Dimension Diagram