

# Catalogue No: **MOD6150**

## MCB MOD6 6kA 1P 50A C CURVE

Power Distribution and Protection > Circuit Breakers > MCBs RCDs and RCBOs > MOD6 Miniature Circuit Breaker > MOD6 1 Pole MCB



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

### MOD6 MCB, 6kA, 1P, 50A, C curve

- Complies with AS/NZS 60898
- Approval No. N17481 or RCM
- Sealable and lockable handle
- Padlockable in OFF position
- Quick and easy installation via standard DIN-rail mounting
- Suits loadcentres and panelboards
- For general purpose light and power applications

#### SPECIFICATIONS

Component Type MCBs RCDs RCBOs	MCB
Item Description	MOD6 MCB, 6kA, 1P, 50A, C curve
Trip Curve	C
In, Rated Current at 30°C	50
Number of Poles	1
Rated frequency	50 60
Un, nominal voltage, DC	48
Isolator Application, IEC 60947-2	Yes
Impulse Withstand Test Voltage	6
Insulation Resistance	10000
Dielectric Strength	2.500
Electrical Service Life at Un, In	10000
Mechanical service life	20000
Utilization Category	A
IP Rating, Inside	IP40
IP Rating, Outside	IP20
Flammability Rating (UL94)	UL 94 V-2
Wire / Conductor Size, Top, Rigid Cable (Max)	25 mm <sup>2</sup>
Wire / Conductor Size, Top, Flexible Cable (Max)	25 mm <sup>2</sup>
Wire / Conductor Size, Bottom, Rigid Cable (Max)	25 mm <sup>2</sup>
Wire / Conductor Size, Bottom, Flexible Cable (Max)	25 mm <sup>2</sup>
Tightening Torque, Top, Nominal	4.5
Tightening Torque, Bottom, Nominal	4.5
Busbar System, Top	Fork Pin
Busbar System, Bottom	Fork Pin

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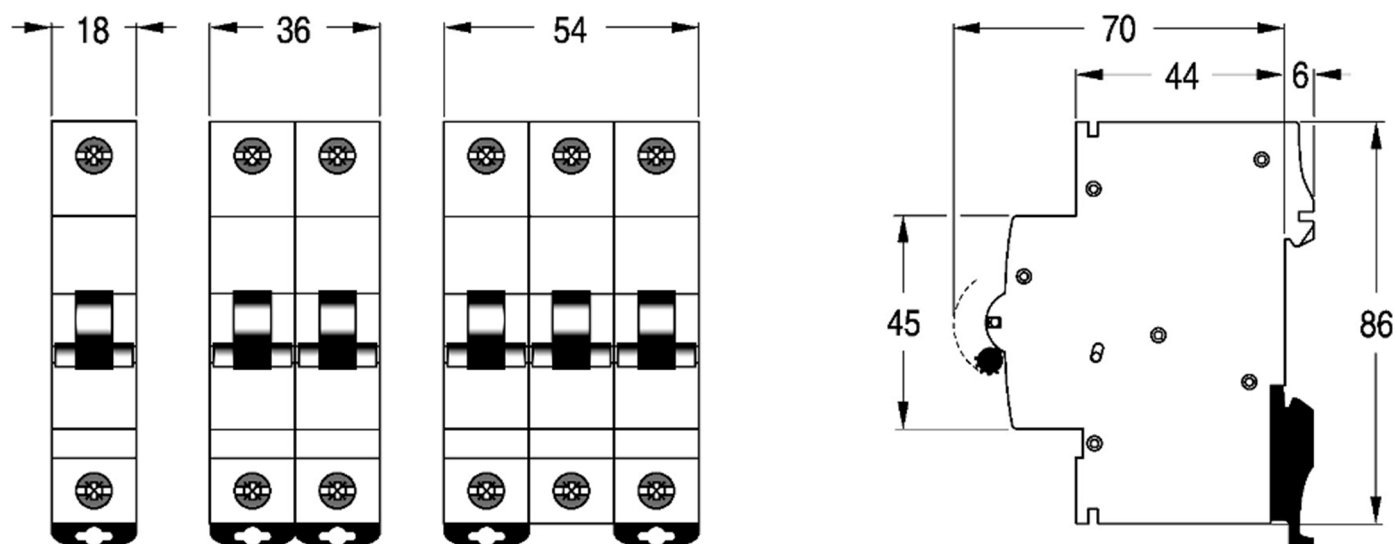
Trip-Free Mechanism	No
Mounting	DIN-35 Rail Mount
Sealable	Yes
Centre Trip Position	No
Accessories	No
Icn, Rated Short-Circuit Capacity, 1P, 230/400V AC	6
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60898)	100
Ics, Rated Service Short-Circuit Breaking Capacity, AC (IEC 60947)	100
Height	76
Width	18
Depth	86
Weight	0.12
Approval Number	NSW 17481
Operating temperature, min	-25
Operating temperature, max	55
Storage temperature, min	-55
Storage temperature, max	55
Relative humidity, max	95
Vibration Acceleration (Max.)	3
Standards Compliance	IEC 60898 AS/NZS 60898

#### 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:	-

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Dimension Diagram