chanhvinh.com

Lovato electric
ENERGY AND AUTOMATION

P1MB2PD40

MINIATURE CIRCUIT BREAKER, 2P - 10KA. 2 MODULES, CHARACTERISTIC D, 40A



Electrical features			
Rated insulation voltage Ui IEC/EN		V	440
Rated impulse withstand voltage Uimp		kV	4
Rated operational voltage AC (IEC)		VAC	230/400
Rated operational voltage DC		VDC	125
Rated frequency		Hz	50/60
Rated current (In)		A	40
Tripping curve			D
Short circuit rating (IEC)		kA	10
Limiting class			3
Electrical life		cycles	10000
Performance level B10d according to EN/ISO 13489-1 rated load		cycles	10000
Power dissipation per pole max		W	3.84
Ambient conditions			
Operating temperature			
	min	°C	-40
	max	°C	+70
Storage temperature			
	min	°C	-40
	max	°C	+80
Max altitude		m	2000
Mechanical features			
Operating position			
	normal		Vertical plan
Fixing			35mm DIN rail
Tightening torque for terminals			
	min	Nm	1.8
	max	Nm	2
	min	lbin	16
	max	lbin	17.7
Terminals tool			Pz 2
Conductor section			
	IEC		
	min	mm²	1
	max	mm²	35
	AWG/Kcmil		
	min		14
	max	kcmil	6
Mechanical life		cycles	20000
Weight		g	230
Frontal IP degree			IP20
Pollution degree			2
Grid distance as per Annex H.1 of IEC/EN60898-1 standard		mm	60
Dimensions			

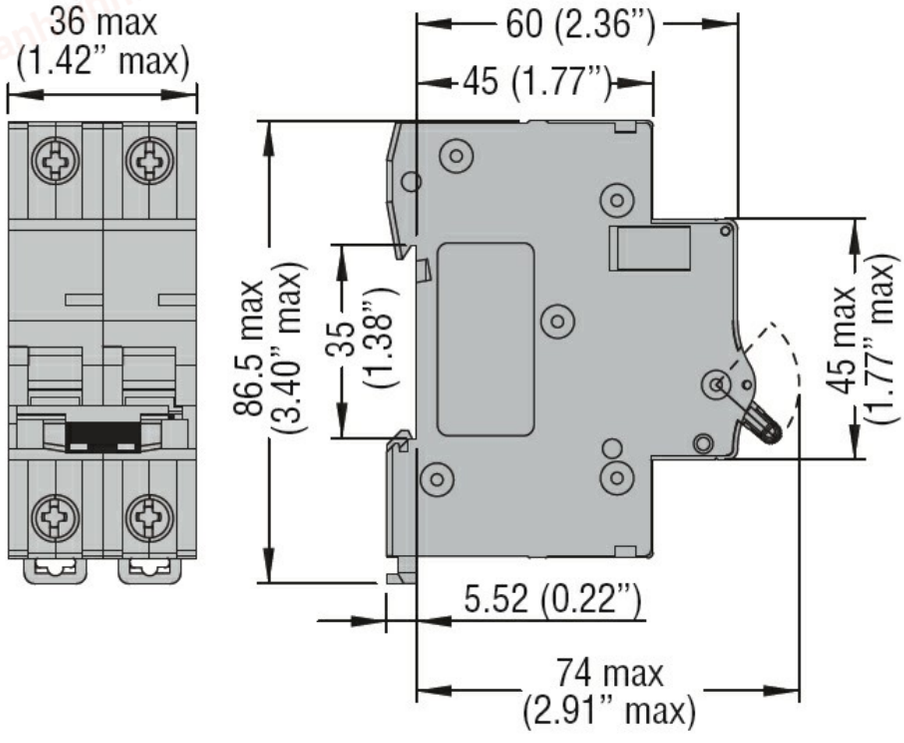
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

chanhvinh.com

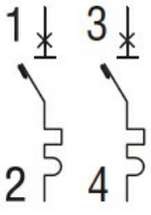
Lovato electric
ENERGY AND AUTOMATION

P1MB2PD40

MINIATURE CIRCUIT BREAKER, 2P - 10KA. 2 MODULES, CHARACTERISTIC D, 40A



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°235. UR “UL Recognized” per Canada e USA.
IEC/EN 60898-1
IEC/EN 60947-2
UL 1077

Certifications

cURus
EAC
TÜV-Rheinland

ETIM classification

ETIM 8.0	EC000042 - Miniature circuit breaker (MCB)

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding