

# ETIMAT P6 1p B50



## Specifications

ETI Code	001900015
Description	ETIMAT P6 1p B50
Class name	Miniature circuit breaker
Rated current (A)	50A
Tripping characteristic	B
Number of poles	1
Short circuit capacity (kA)	6kA
Voltage type	AC
Rated impulse withstand voltage Uimp (kV)	6kV
Rated AC voltage (V)	240V/415V
Rated Frequency (Hz)	50Hz/60Hz
Rated cross section	1mm <sup>2</sup> -25mm <sup>2</sup>
Standards	60898-1,60947-2
function	MCB

Online product page [🔗](#)

## Other documentation



Technical data catalogue

3D Model

2D File

Instruction manual

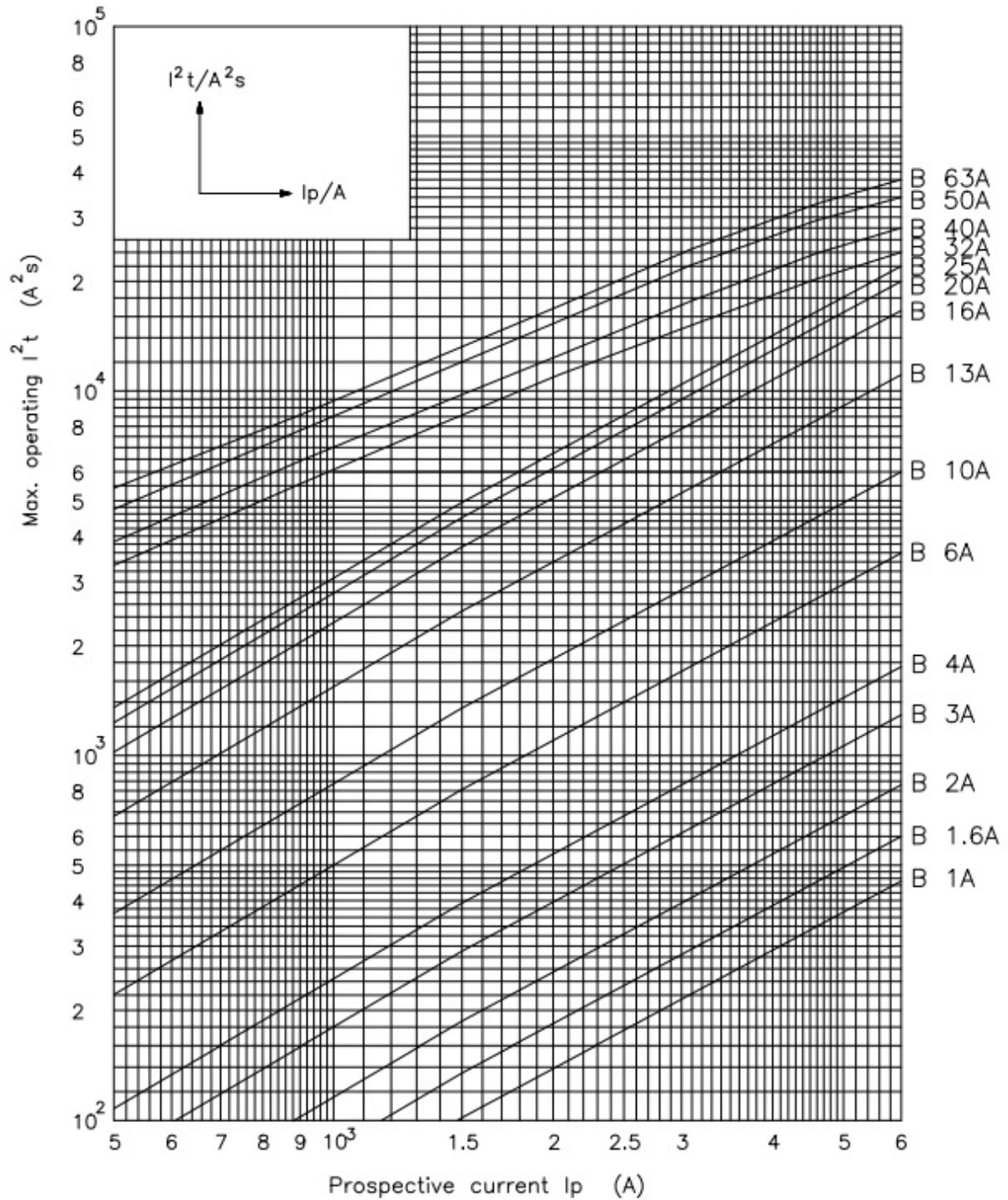
CE declaration

Eplan file

## ETIM international classification

Classification	EC000042
Class name	Miniature circuit breaker (MCB)
Release characteristic	B
Number of poles (total)	1
Number of protected poles	1
Rated current	50A
Rated voltage	240/415V
Rated insulation voltage $U_i$	500V
Rated impulse withstand voltage $U_{imp}$	6kV
Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 230 V	6kA
Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 400 V	6kA
Rated short-circuit breaking capacity $I_{cu}$ according to IEC 60947-2 at 230 V	6kA
Rated short-circuit breaking capacity $I_{cu}$ according to IEC 60947-2 at 400 V	6kA
Voltage type	AC
Frequency	50...60Hz
Current limiting class	3
Suitable for flush-mounted installation	Yes
Concurrently switching neutral conductor	Yes
Over voltage category	3
Pollution degree	2
Additional equipment possible	Yes
Width in number of modular spacings	1
Built-in depth	70mm
Degree of protection (IP)	IP20
Ambient temperature during operating	-40...70°C
Connectable conductor cross section multi-wired	1...25mm <sup>2</sup>
Connectable conductor cross section solid-core	1...25mm <sup>2</sup>

# Melting energy characteristics



# Dimension drawing



## Symbol/Connection

1p



1p+n



2p



3p



3p+n

