



ETIMAT 6 1p C50

Miniature circuit breaker

ETI Code:	002141521
Catalogue Group:	ETIMAT 6 Miniature circuit breakers 6kA
Application:	IEC/EN 60898-1, IEC 60947-2
Rated current:	50 A
Tripping characteristic:	C
Number of poles:	1
Short circuit capacity:	6 kA
Voltage type:	AC
Rated impulse withstand voltage Uimp:	6 kV
Rated AC voltage:	230/400 V
Rated Frequency:	50/60 Hz
Rated cross section:	1-25 mm ²
Standards:	IEC/EN 60898-1, IEC 60947-2
Function:	MCB

Online product page [🔗](#)

Documents



TECHNICAL DATA CATALOG



INSTRUCTION MANUAL



CE DECLARATION



2D FILE



3D FILE



EPLAN FILE

ETIM

Additional equipment possible	Yes
Rated insulation voltage Ui	500 V
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V	6 kA
Built-in depth	68 mm
Voltage type	Other
Rated short-circuit breaking capacity Icn according to EN 60898 at 400 V	6 kA
Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V	6 kA
Rated impulse withstand voltage Uimp	4 kV
Degree of protection (IP)	IP20
Release characteristic	C
Over voltage category	3
Number of poles (total)	1
Pollution degree	3
Number of protected poles	1
Rated voltage	400 V
Current limiting class	3
Rated current	50 A
Rated short-circuit breaking capacity Icn according to EN 60898 at 230 V	6 kA
Width in number of modular spacings	1
Frequency(Min)	50 Hz
Ambient temperature during operating(Min)	-25 °C
Connectable conductor cross section solid-core(Min)	1 mm²
Connectable conductor cross section multi-wired(Min)	1 mm²
Connectable conductor cross section solid-core(Max)	25 mm²
Connectable conductor cross section multi-wired(Max)	25 mm²
Frequency(Max)	60
Ambient temperature during operating(Max)	55 °C

Logistics

Product

EAN code for a single product	3838895261162
Net weight of the product	0.117 kg
Net width	17.6 mm
Net height	85.4 mm
Net depth	72.63 mm
Stock unit of measure	pcs

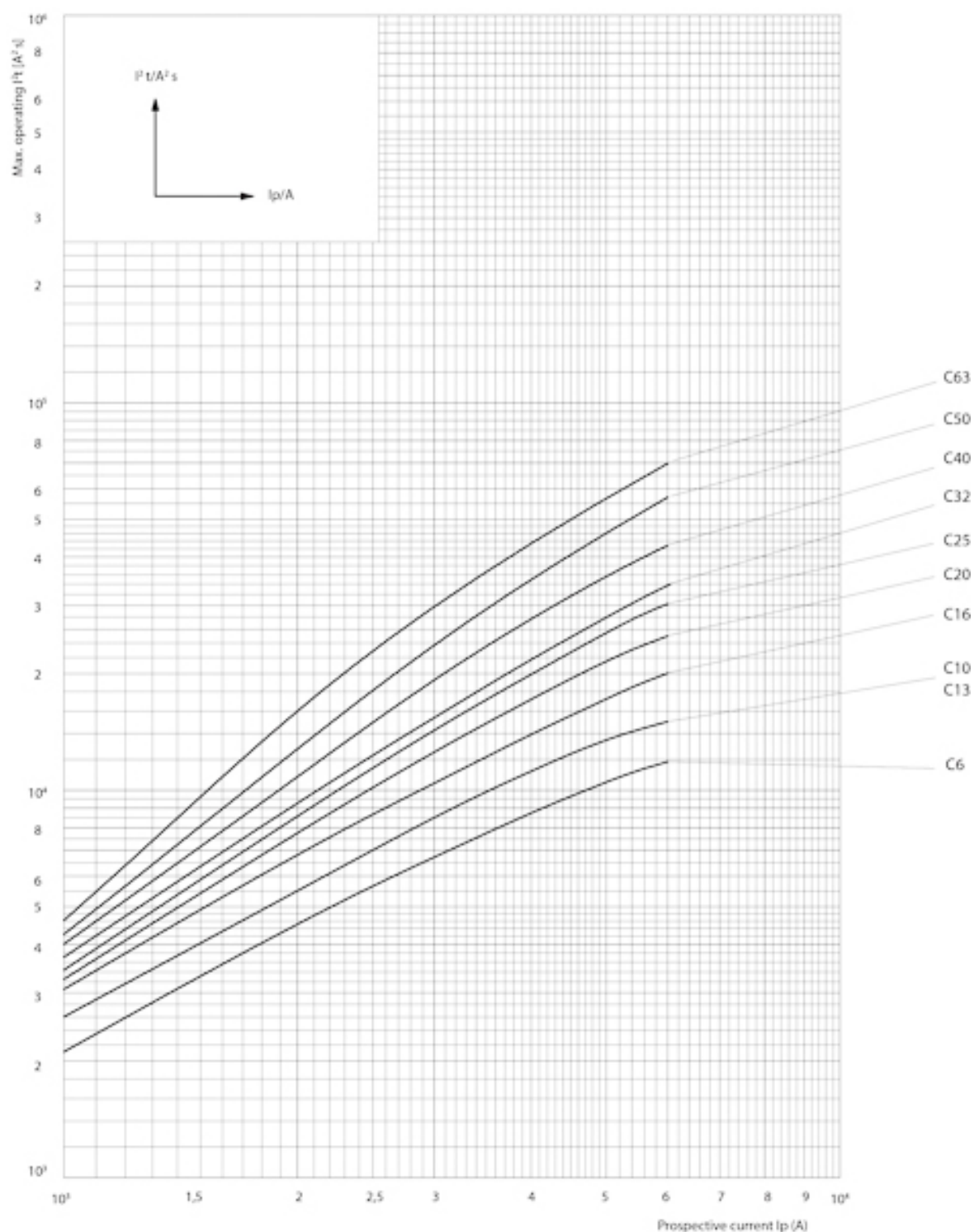
Basic Packaging

Basic packaging quantity	12 pcs
EAN code for a basic packaging	3838895277705
Basic packaging weight	1.64 kg
Basic Packaging Dimensions Height	0.077 m
Basic Packaging Dimensions Width	0.09 m
Basic Packaging Dimensions Depth	0.221 m
Basic packaging volume	0.002 m³

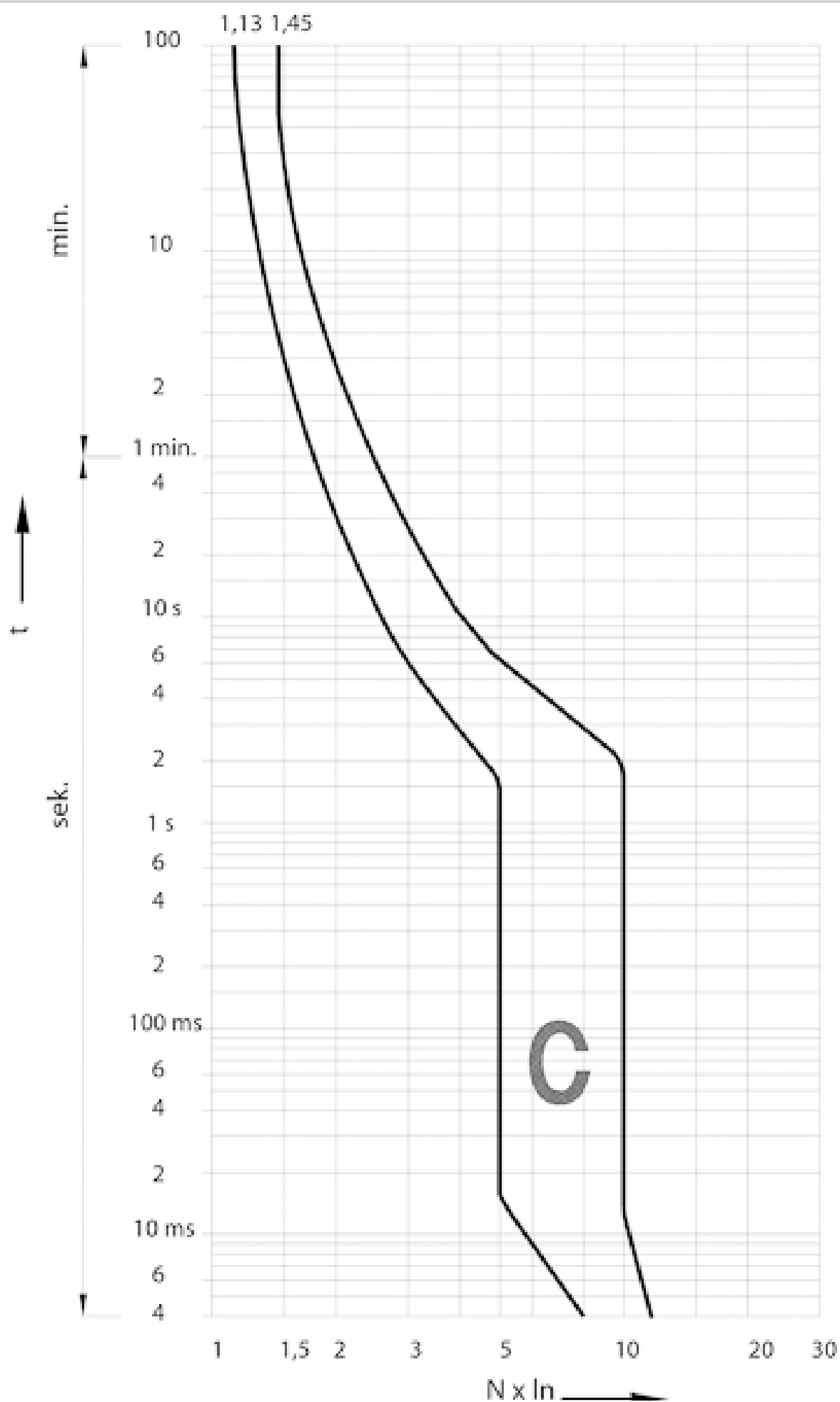
Transport Packaging

Transport packaging quantity	108 pcs
EAN code for a transport packaging	3838895277712
Transport packaging weight	15.113 kg
Transport Packaging Dimensions Height	0.25 m
Transport Packaging Dimensions Width	0.235 m
Transport Packaging Dimensions Depth	0.295 m
Transport packaging volume	0.017 m³
Pallet quantity	5,616 pcs
Customs tariff	85362010

Energy characteristic



I/t characteristic

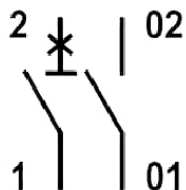


Symbol connection

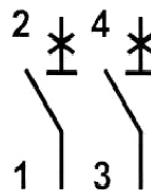
1P



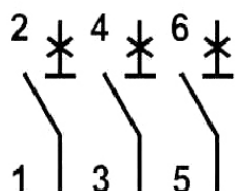
1P+N



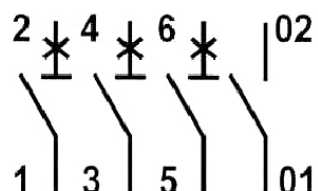
2P



3P



3P+N



Dimension

