

# 37642

circuit breaker Compact NSF150N - TMD - 125 A  
- 3 poles 3d



37642 has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

## Main

Range of product	NSF100...250
Range	Compact
Product or component type	Circuit breaker
Device short name	Compact NSF150N
Circuit breaker name	Compact NSF150N
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Upside connection	Front
Downside connection	Front
[In] rated current	150 A ( 104 °F (40 °C) )
[Ui] rated insulation voltage	750 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
System Voltage	500 V DC conforming to IEC 60947-2
Breaking capacity code	N
Breaking capacity	Icu 22 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 Icu 30 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 35 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 36 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 50 kA at 250 V DC 1P conforming to IEC 60947-2 Icu 50 kA at 500 V DC 2P conforming to IEC 60947-2 Icu 8 kA at 600/690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 85 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 22 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 30 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 35 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 36 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 50 kA 250 V DC conforming to IEC 60947-2 Ics 50 kA 500 V DC conforming to IEC 60947-2 Ics 8 kA 600/690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 85 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Trip unit technology	Thermal-magnetic
Trip unit rating	107 A ( 158 °F (70 °C) ) 112 A ( 140 °F (60 °C) ) 118 A ( 122 °F (50 °C) ) 125 A ( 104 °F (40 °C) )
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Pollution degree	3 conforming to IEC 60529

## Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Auxiliary contact composition	Without
Connection pitch	1.38 in (35 mm)
Local signalling	Positive contact indication
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	0.8...1 x In
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	1250 A
Height	6.34 in (161 mm)
Width	4.13 in (105 mm)
Depth	3.39 in (86 mm)

## Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA KEMA LCIE
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 60529
Ambient air temperature for operation	68...158 °F (20...70 °C)

## Ordering and shipping details

Category	39997 - CANADIAN PRODUCTS
Discount Schedule	NET
Nbr. of units in pkg.	1
Package weight(Lbs)	4.8799999999999999
Returnability	N
Country of origin	FR

## Contractual warranty

Warranty period	18 months
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