



Main

Range of product	NSX100...250 NSX100...250
Circuit breaker application	Motor protection Motor protection
Poles description	3P 3P
Protected poles description	3t 3t
Network type	AC AC
Network frequency	50/60 Hz 50/60 Hz
Trip unit name	Micrologic 2.2 M Micrologic 2.2 M
Trip unit technology	Electronic Electronic
Trip unit protection functions	LSol LSol
Trip unit rating	150 A (65 °C) 150 A (65 °C)
Protection type	Instantaneous short-circuit protection Instantaneous short-circuit protection Overload protection (long time) Overload protection (long time) Short time short-circuit protection Short time short-circuit protection

Complementary

Mounting mode	Fixed Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz 690 V AC 50/60 Hz
Motor tripping class	10 10 20 20 5 5
Complementary motor protection	Phase unbalance Phase unbalance
Long time pick-up adjustment type Ir	Adjustable Adjustable
Long time pick-up adjustment range	70...150 A 70...150 A
Long time delay adjustment type	Fixed Fixed
[tr] long-time delay adjustment	10 s 7.2 x Ir 10 10 s 7.2 x Ir 10 120 s 1.5 x Ir 5 120 s 1.5 x Ir 5 20 s 7.2 x Ir 20 20 s 7.2 x Ir 20 240 s 1.5 x Ir 10 240 s 1.5 x Ir 10 26 s 6 x Ir 20 26 s 6 x Ir 20 480 s 1.5 x Ir 20 480 s 1.5 x Ir 20

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5 s 7.2 x Ir 5
5 s 7.2 x Ir 5
13.5 s 6 x Ir 10
13.5 s 6 x Ir 10
6.5 s 6 x Ir 5
6.5 s 6 x Ir 5

Thermal memory	20 minutes before and after tripping 20 minutes before and after tripping
Short-time pick-up adjustment type Isd	Adjustable Adjustable
[Isd] short-time pick-up adjustment range	5...13 x Ir 5...13 x Ir
Short-time delay adjustment type	Fixed Fixed
Instantaneous pick-up adjustment type Ii	Fixed Fixed
Instantaneous pick-up adjustment range	2250 A 2250 A

Environment

Standards	EN 60947-2 EN 60947-2 IEC 60947-2 IEC 60947-2 NEMA AB1 NEMA AB1 UL 508 UL 508
Product certifications	CSA CSA UL UL
IP degree of protection	IP40 conforming to IEC 60529 IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1 3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C -25...70 °C
Ambient air temperature for storage	-50...85 °C -50...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0819 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available