



Main

Range of product	NSX100...250
Circuit breaker application	Motor protection
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
Trip unit name	Micrologic 6.2 E-M
Trip unit technology	Electronic
Trip unit protection functions	LSIG
Trip unit rating	80 A (65 °C)
Protection type	Ground fault protection Instantaneous short-circuit protection Overload protection (long time) Short time short-circuit protection

Complementary

Mounting mode	Fixed
[Ue] rated operational voltage	690 V AC 50/60 Hz
Motor tripping class	10 20 30 5
Complementary motor protection	Current unbalance Protracted starting time Stalled rotor Underload
Long time pick-up adjustment type Ir	Adjustable
Long time pick-up adjustment range	35...80 A
Long time delay adjustment type	Adjustable
[tr] long-time delay adjustment	10 s 7.2 x Ir 10 120 s 1.5 x Ir 5 20 s 7.2 x Ir 20 240 s 1.5 x Ir 10 26 s 6 x Ir 20 30 s 7.2 x Ir 30 38 s 6 x Ir 30 480 s 1.5 x Ir 20 5 s 7.2 x Ir 5 720 s 1.5 x Ir 30 13.5 s 6 x Ir 10 6.5 s 6 x Ir 5
Thermal memory	20 minutes before and after tripping
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	5...13 x Ir
Short-time delay adjustment type	Fixed
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	1200 A
Ground-fault time delay adjustment type -tg	Adjustable
Ground-fault pick-up adjustment type	Adjustable
[tg] ground-fault time delay adjustment range	0...0.4 s
[Ig] ground-fault pick-up adjustment range	0.2...1 x In
Zone selective interlocking ZSI	With
Display type	LCD display

Type of measurement	Energy meter
Electrical data recording	Maintenance indicators

Environment

Standards	EN 60947-2 IEC 60947-2 NEMA AB1 UL 508
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Pollution degree	3 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...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