



Circuit breaker, ComPacT NSXm 160H, 70kA/415VAC, 3 poles, MicroLogic 4.1 trip unit 160A, lugs/ busbars

C12H34V160B

Peamine

Vahemik	ComPacT new generation
Toote nimi	ComPacT NSXm new generation
Tootevalik	ComPacT NSXm new generation
Seadme lühinimi	NSXm 160H
Toote või komponendi tüüp	Earth leakage circuit breaker
Seadme rakendus	Distribution
Postide kirjeldus	3P
Protected poles description	3D
[In] Nimivool	160 Avastavalt40 °C
[Ue] rated operational voltage	440 V AC 50/60 Hz
Võrgu tüüp	AC
Võrgu sagedus	50/60 Hz
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
[Icu] rated ultimate short-circuit breaking capacity	100 kA Icu 220...240 V AC 50/60 Hz IEC 60947-2 70 kA Icu 380...415 V AC 50/60 Hz IEC 60947-2 65 kA Icu 440 V AC 50/60 Hz IEC 60947-2
Performance level	H 70 kA 415 V AC
Trip unit name	MicroLogic 4.1
Reisiblokkide tehnoloogia	Electronic
Trip unit protection functions	LSolR
Juhtimisseadme tüüp	Toggle
Circuit breaker mounting mode	Fixed

Täiendav

[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ics] rated service short-circuit breaking capacity	100 kA 220...240 V AC 50/60 Hz IEC 60947-2 70 kA 380...415 V AC 50/60 Hz IEC 60947-2 65 kA 440 V AC 50/60 Hz IEC 60947-2
Mehaaniline vastupidavus	20000 tsüklid

Electrical durability	20000 tsükliid 440 V In/2 10000 tsükliid 440 V In 10000 tsükliid 690 V In/2 5000 tsükliid 690 V In
Power dissipation per pole	12,21 W
Paigaldamise tugi	Backplate
Paigaldamise asend	Horisontaalne ja vertikaalne Flat on the back
Upside connection	Front
Downside connection	Front
Connection terminals	compression lug/busbar
Connection pitch	35 mm with spreaders 27 mm without spreaders
9 mm pitches	9 module
Trip unit rating	160 A 40 °C
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	63...160 A
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection delay adjustment range	200 s 1.5 x Ir 8 s 6 x Ir 5 s 7.2 x Ir
Thermal memory	20 minutes before and after tripping
Short-time protection pick-up adjustment type Isd	Adjustable 9 settings
[Isd] Short-time protection pick-up adjustment range	1.5...10 x Ir
Short-time protection delay adjustment type tsd	Fixed
Instantaneous protection pick-up adjustment type li	Fixed
[li] instantaneous protection pick-up adjustment range	2000 A
Earth-leakage protection	Integrated
Maavoolukaitseklass	A-klass Class AC
Earth-leakage protection sensitivity adjustment type IΔn	Adjustable
[IΔn] earth-leakage protection sensitivity adjustment range	30 mA 100 mA 300 mA 500 mA 1 A 3 A 5 A
Earth-leakage sensitivity	30 mA A-klass 100 mA A-klass 300 mA A-klass 500 mA A-klass 1 A A-klass 30 mA class AC 100 mA class AC 300 mA class AC 500 mA class AC 1 A class AC 3 A class AC 5 A class AC
Earth-leakage protection time delay adjustement type Δt	Adjustable

[Δt] Earth-leakage protection time delay adjustment range	0 ms 60 ms 150 ms 500 ms 1000 ms
Number of slots for electrical auxiliaries	1 auxiliary switch OF 1 alarm switch SD 1 voltage release MN or MX
Kohalik signaal	Jaokspresence of auxiliary contacts flag (roheline)
Width (W)	108 mm
Height (H)	144 mm
Depth (D)	80 mm
Netokaal	1,63 kg
Värv	Hall (RAL 7016)

Keskkond

Standardid	EN/IEC 60947
Pollution degree	3 IEC 60664-1
IP kaitse tase	IP40vastabIEC 60529
IK kaitseaste	IK07vastabIEC 62262
Tööks vajalik välisõhu temperatuur	−25...70 °C
Ladustamise ümbritseva õhu temperatuur	−40...85 °C
Relative humidity	0...95 %
Operating altitude	2000 m without derating 5000 m with derating

Pakendiüksused

Pakendi tüüp 1	PCE
Ühikute arv pakendis 1	1
Package 1 Height	13,0 cm
Pakendi laius 1	16,0 cm
Pakendi pikkus 1	19,0 cm
Pakendi kaal 1	1,2 kg
Pakendi tüüp 2	S03
Ühikute arv pakendis 2	4
Pakendi kõrgus 2	30,0 cm
Pakendi laius 2	30,0 cm
Pakendi pikkus 2	40,0 cm
Pakendi kaal 2	5,241 kg

Pakkumise jätkusuutlikkus

REACH-määrus	REACH-deklaratsioon
ELi RoHS direktiiv	Vastavus ELi RoHS deklaratsioon
Elavhõbedavaba	Jah
Hiina EoHS regulatsioon	Hiina RoHS deklaratsioon Toode ei kuulu Hiina RoHS sfääri. Ainedeklaratsioon teavitamiseks.

RoHS eranditeave	Jah
Keskkonnaalane avaldus	Toote keskkonnaprofiil
Halogeensisu	Halogeenivabade plastosadega toode

Soovitatud asendus(ed)