Product data sheet
Characteristics

C250N3FM
Circuit breaker frame, ComPacT NS2500N, 70kA at 415VAC, 2500A, 3P, fixed, manually operated, without control unit



Main

Range	ComPacT
Range of product	ComPacT NS1600b...3200 new generation
Product or component type	Basic frame
Device application	Distribution
Poles description	3P
[In] rated current	2500 A at 50 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category B
Breaking capacity	85 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 70 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	N 70 kA 415 V AC
Control type	Manually operated
Mounting mode	Fixed

Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-2
[Ics] rated service breaking capacity	65 KA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 52 KA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2
[Icw] rated short-time withstand current	32 KA 3 s conforming to IEC 60947-2
Integral instant protection	130 KA
Mechanical durability	5000 Cycles conforming to IEC 60947-2
Electrical durability	1000 Cycles 690 V AC 50/60 Hz In conforming to IEC 60947-2 2000 Cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2 2000 Cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2 3000 Cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2
Power losses	100 W
Mounting support	Backplate
Connection pitch	70 Mm
Protection type	Without protection

Height	360 Mm
Width	420 Mm
Depth	160 Mm

Environment

Standards	IEC 60947-2
Product certifications	IECEE CB Scheme
Overvoltage category	III
Electrical shock protection class	Class II on front face
Pollution degree	3 conforming to IEC 60947
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-50…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	43.0 Cm
Package 1 Width	60.0 Cm
Package 1 Length	80.0 Cm
Package 1 Weight	41.993 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	228b8554-bb98-43c5-8445-d118744be8d8
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised