

## trip unit MicroLogic 2.2 for ComPacT NSX 160/250 circuit breakers, electronic, rating 160A, 4 poles 4d

C1642D160

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Range	ComPacT new generation			
Range of product	ComPacT NSX100250 new generation			
Product or component type	Control unit			
Trip unit name	Micrologic 2.2			
Trip unit technology	Electronic			
Range compatibility	ComPacT new generation NSX160 ComPacT new generation NSX250			
Device application	Distribution			
Poles description	4P			
Protected poles description	4t 3t + N/2 3t			
Neutral position	Left			
Trip unit protection functions	LSoI			
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection			
Trip unit rating	160 A at 40 °C			
[Ue] rated operational voltage	690 V AC 50/60 Hz			
Network type	AC			
Network frequency	50/60 Hz			
Circuit breaker mounting mode	Fixed			

## Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	63160 A
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection delay adjustment range	11 s at 7.2 x lr 16 s at 6 x lr 400 s at 1.5 x lr
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	1.510 x lr		
Short-time protection delay adjustment type tsd	Fixed		
[Tsd] Short-time protection delay adjustment range	0.02 s		
Instantaneous protection pick- up adjustment type li	Fixed		
[li] instantaneous protection pick-up adjustment range	2400 A		
Earth-leakage protection	Without		
Neutral protection settings	0.5 x lr (3t + N/2) 1 x lr (4t) No protection (3t)		
Zone selective interlocking ZSI	Without		
Local signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload		
Environment			
Standards	UL 508 EN/IEC 60947-2		
Product certifications	CCC Marine EAC		
Pollution degree	3 conforming to IEC 60947-1		
Ambient air temperature for operation	-2570 °C		
Ambient air temperature for storage	-5085 °C		
Packing Units			
Packing Units Unit Type of Package 1	PCE		
Number of Units in Package 1	1		
Package 1 Weight	572.0 g		
Package 1 Height	6.5 cm		
Package 1 width	9.5 cm		
Package 1 Length	15 cm		
Unit Type of Package 2	P06		
Number of Units in Package 2	144		
Package 2 Weight	93.0 kg		
Package 2 Height	75 cm		
Package 2 width	60 cm		
Package 2 Length	80 cm		
Unit Type of Package 3	S03		
Number of Units in Package 3	18		
Package 3 Weight	10.7 kg		
Package 3 Height	30 cm		
Package 3 width	30 cm		
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Package 3 Length	40 cm	
Offer Sustainability		
REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	Yes	
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information	

Warranty	18 months		
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