

# NKS100R100AC3P

## Simpact NKS100R circuit breaker - 3P - 100 A - 10 kA - 415 V - fixed pick-up

### Main

Product or component type	Circuit breaker
Device short name	Simpact NKS100R
Circuit breaker name	Simpact NKS100R
Poles description	3P
Network type	AC
Mounting mode	Fixed
Breaking capacity code	R
Breaking capacity	10 KA Icu at 415 V AC 50 Hz conforming to IEC 60947-2 10 kA Icu at 415 V AC 50 Hz conforming to IS 13947 part 2
Utilisation category	Category A
Trip unit name	MA
Trip unit technology	Magnetic
Long time pick-up adjustment type Ir	Fixed
Pole distance	30 mm

### Complementary

Network frequency	50 Hz
Control type	Toggle
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles
Electrical durability	1500 Cycles 415 V conforming to IS 13947 part 2 Category A: 1500 cycles 415 V AC 50 Hz conforming to IEC 60947-2
Connection pitch	30 Mm (without spreader) 36.5 mm (with spreader)
Protection type	Fully magnetic
Height	153 mm
Width	90 mm
Depth	83 mm

### Environment

Standards	IS 13947 part 2 IEC 60947-1 IEC 60947-2 IS 13947 part 1
Ambient air temperature for operation	-5...50 °C
Ambient air temperature for storage	-50...85 °C
Climatic withstand	Exposure to cold - 55 °C conforming to IEC 68-2-1 Exposure to dry heat 85 °C conforming to IEC 68-2-2 Continuous exposure to damp heat 95 % relative humidity at 55 °C conforming to IEC 68-2-30 Salt mist 2 conforming to IEC 68-1-52

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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	8 cm
Package 1 Length	14 cm
Package 1 Weight	780 g

## Offer Sustainability

EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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