

# Product datasheet

Specifications



## switch-disconnector Masterpact P&P NW20HF - 2000 A - 690 V - 3 poles - drawout

EF548292

### Main

Range of product	Masterpact P&P NW
Range	MasterPact
Product name	Masterpact P&P NW20
Device short name	Masterpact P&P NW20
Product or component type	Switch disconnecter
Device application	Distribution
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
[Ie] rated operational current	2000 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-3
[Icm] rated short-circuit making capacity	187 kA 220...690 V AC at 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-3
Breaking capacity code	HF
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	4 conforming to IEC 60664-1

### Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Chassis
maximum operating rate	3 cyc/mn
[Icw] rated short-time withstand current	85 kA during 1 s conforming to IEC 60947-3 75 kA during 3 s conforming to IEC 60947-3
Mechanical durability	10000 cycles without maintenance conforming to IEC 60947-3 20000 cycles with maintenance conforming to IEC 60947-3
Electrical durability	AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 6000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 8000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3

<b>Connection pitch</b>	115 mm
<b>Height</b>	352 mm
<b>Width</b>	442 mm
<b>Depth</b>	297 mm
<b>Net weight</b>	60 kg

## Environment

<b>Standards</b>	IEC 60947-3
<b>Product certifications</b>	ASTA ASEFA
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-35...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	30.5 cm
<b>Package 1 Width</b>	29.5 cm
<b>Package 1 Length</b>	37.5 cm
<b>Package 1 Weight</b>	48.562 kg

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

EU RoHS Directive

[Compliant](#)

### Use Longer



#### Lifetime extension

Repair

No

### Use Again



#### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins