



Main

Range of product	Masterpact NW
Product or component type	Basic frame
Device short name	Masterpact NW20
Circuit breaker name	Masterpact NW20H1
Poles description	3P
Network type	AC
Breaking capacity code	H1
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category B

Complementary

Network frequency	50/60 Hz
Control type	Push-button
Mounting mode	Fixed
[In] rated current	2000 A at 40 °C
[Ui] rated insulation voltage	1000 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	12 KV conforming to IEC 60947-2
[Icm] rated short-circuit making capacity	143 KA 525 V AC at 50/60 Hz 143 KA 690 V AC at 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	2000 A
Breaking capacity	65 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 690 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 220...240 V AC 50/60 Hz conforming to IEC 60947-2 65 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	65 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 KA at 690 V AC 50/60 Hz conforming to IEC 60947-2
Protection type	Without protection
Mechanical durability	10000 Cycles without maintenance conforming to IEC 60947-2 20000 Cycles with maintenance conforming to IEC 60947-2
Electrical durability	AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming- to IEC 60947-2 6000 Cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 8000 Cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A: 6000 cycles 690 V AC 50/60 Hz without maintenance conforming- to IEC 60947-2 AC-23A: 8000 cycles 440 V AC 50/60 Hz without maintenance conforming- to IEC 60947-2

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Connection pitch	115 Mm
[Icw] rated short-time withstand current	36 KA 3 s conforming to IEC 60947-2 65 KA 1 s conforming to IEC 60947-2
Maximum breaking time	25 Ms
Maximum closing response time	70 Ms
Height	352 Mm
Width	422 Mm
Depth	297 Mm

Environment

Standards	IEC 60947-2
Product certifications	ASTA
Pollution degree	4 conforming to IEC 60664-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes

Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status : **Commercialised**

48057 may be replaced by any of the following products:



LV848057

Circuit breaker Masterpact MTZ2 20H1, 2000 A, 3P fixed, without Micrologic

Qty 1

Reason for Substitution: End of life | Substitution date: 31 Dec 2019 |