



Main

Range of product	Masterpact NW
Product or component type	Basic frame
Device short name	Masterpact NW16
Circuit breaker name	Masterpact NW16H1
Poles description	3P
Breaking capacity code	H1
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Mounting mode	Fixed
[In] rated current	1600 A (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 50/60 Hz 143 kA 690 V AC 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity	65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 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 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	Ics 65 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 65 kA 690 V AC 50/60 Hz conforming to IEC 60947-2
Protection type	Without protection
Mechanical durability	12500 cycles without maintenance conforming to IEC 60947-2 25000 cycles with maintenance conforming to IEC 60947-2
Electrical durability	AC-23A : 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A : 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-3 : 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
[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
Closing response time	< 70 ms

Height	352 mm
Width	422 mm
Depth	297 mm

Environment

Standards	IEC 60947-2
Product certifications	ASEFA ASTA
Pollution degree	4 conforming to IEC 60664-1

Contractual warranty

Warranty period	18 months
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