



Main

Range of product	Masterpact NW
Product or component type	Basic frame
Device short name	Masterpact NW40
Circuit breaker name	Masterpact NW40
Poles description	4P
Neutral position	Left
Network type	AC
Breaking capacity code	H2A
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	Drawout
[In] rated current	4000 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	187 kA 525 V AC 50/60 Hz 187 kA 690 V AC 50/60 Hz
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Circuit breaker CT rating	4000 A
Breaking capacity	85 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 85 kA 220/415 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	2500 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 5000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
Connection pitch	150 mm
[Icw] rated short-time withstand current	75 kA (3 s) conforming to IEC 60947-2 85 kA (1 s) conforming to IEC 60947-2

Integral instant protection	171...209 kA
Maximum breaking time	25 ms
Closing response time	< 70 ms
Height	352 mm
Width	537 mm
Depth	297 mm

Environment

Standards	IEC 60947-2
Product certifications	ASEFA 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

Contractual warranty

Warranty period	18 months
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