



Main

Range	Masterpact
Range of product	Masterpact NW
Product name	Masterpact NW
Product or component type	Switch disconnector
Device short name	Masterpact NW20
Switch-disconnector name	Masterpact NW20HF
Device application	Protection
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 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
Operating rate	3 cyc/mn
[Icw] rated short-time withstand current	75 kA (3 s) conforming to IEC 60947-3 85 kA (1 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-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
AC-3 : 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3

Connection pitch	115 mm
Height	352 mm
Width	442 mm
Depth	297 mm
Product weight	60 kg
Targeted country	China
Compatibility code	NW20

Environment

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

Contractual warranty

Warranty period	18 months
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