



Main

Range	Masterpact
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 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
Operating rate	10 cyc/h maximum
[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
Connection pitch	115 mm
Height	352 mm
Width	442 mm
Depth	297 mm
Net weight	60 kg

Environment

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

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
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
----------	-----------