



Main

Range	Masterpact
Range of product	Masterpact NW DC
Product name	Masterpact NW DC
Product or component type	Switch disconnector
Device short name	Masterpact NW20HAD-C-D
Switch-disconnector name	Masterpact NW20HAD-C-D
Device application	Protection
Poles description	3P
Network type	DC
[Ie] rated operational current	2000 A DC 500/900 V
[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-3
[Uimp] rated impulse withstand voltage	12 kV conforming to IEC 60947-3
[Ue] rated operational voltage	500/900 V DC conforming to IEC 60947-3
Breaking capacity code	HA
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	Fixed
Operating rate	3 cyc/mn
Mechanical durability	10000 cycles without maintenance conforming to IEC 60947-3 20000 cycles with maintenance conforming to IEC 60947-3
Electrical durability	2000 cycles 900 V DC without maintenance conforming to IEC 60947-3 5000 cycles 500 V DC without maintenance conforming to IEC 60947-3
Connection pitch	115 mm
Height	352 mm
Width	422 mm
Depth	427 mm
Product weight	86 kg

Compatibility code	NW20_DC
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Environment

Standards	IEC 60947-3
Product certifications	ASEFA ASTA
IP degree of protection	IP30
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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