



Main

Range	Masterpact
Product name	MasterPact NT
Product or component type	Switch disconnector
Device short name	Masterpact NT16
Switch-disconnector name	Masterpact NT16HA
Device application	Protection
Poles description	4P
Network type	AC
Network frequency	50/60 Hz
[Ie] rated operational current	1600 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	75 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	HA
Suitability for isolation	Yes conforming to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Pollution degree	3 conforming to IEC 60664-1

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Chassis
Upside connection	Front
Downside connection	Front
Operating rate	10 cyc/h maximum
[Icw] rated short-time withstand current	20 kA during 3 s conforming to IEC 60947-3 36 kA during 0.5 s conforming to IEC 60947-3 36 kA during 1 s conforming to IEC 60947-3
Mechanical durability	12500 cycles without maintenance conforming to IEC 60947-3
Electrical durability	AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3
Connection pitch	70 mm
Height	301 mm
Width	346 mm
Depth	196 mm
Net weight	18 kg

Environment

Standards	IEC 60947-3
Product certifications	ASEFA LCIE
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...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
PVC free	Yes

Contractual warranty

Warranty	18 months
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