



### Main

Range	Masterpact
Range of product	Masterpact NT
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	3P
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 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	Fixed
Upside connection	Front
Downside connection	Front
Operating rate	3 cyc/mn
[Icw] rated short-time withstand current	20 kA ( 3 s ) conforming to IEC 60947-3 36 kA ( 0.5 s ) conforming to IEC 60947-3 36 kA ( 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	276 mm
Depth	196 mm
Product weight	14 kg
Targeted country	China
Compatibility code	NT16

## 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

## Contractual warranty

Warranty period	18 months
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