

Circuit breakers and switch-disconnectors

NT06 to NT16 and NW08 to NW63

NT and NW selection criteria

	Masterpact NT			Masterpact NW	
	Standard applications			Standard applications	
	NT06, NT08, NT10, NT12, NT16 H1	H2	NT06, NT08, NT10 L1	NW08...NW16 N1	NW08...NW40 H1
Type of application	Standard applications with low short-circuit currents	Applications with medium-level short-circuit currents	Limiting circuit breaker for protection of cable-type feeders or upgraded transformer ratings	Standard applications with low short-circuit currents	Circuit breaker for industrial sites with high short-circuit currents
Icu/Ics at 440 V	42 kA	50 kA	130 kA	42 kA	65 kA
Icu/Ics at 1000 V	-	-	-	-	-
Icu/Ics at 500 V DC L/R < 15 ms	-	-	-	-	-
Position of neutral	Left	Left	Left	Left	Left or right
Fixed	F	F	F	F	F
Drawout	D	D	D	D	D
Switch-disconnector version	Yes	No	No	Yes	Yes
Front connection	Yes	Yes	Yes	Yes	Yes up to 3200 A
Rear connection	Yes	Yes	Yes	Yes	Yes
Type of Micrologic control unit	A, E, P, H	A, E, P, H	A, E, P, H	A, E, P, H	A, E, P, H

Masterpact NT06 to NT16 installation characteristics

Circuit breaker		NT06, NT08, NT10			NT12, NT16	
Type		H1	H2	L1	H1	H2
Connection						
Drawout	FC	■	■	■	■	■
	RC	■	■	■	■	■
Fixed	FC	■	■	■	■	■
	RC	■	■	■	■	■
Dimensions (mm) H x W x D						
Drawout	3P	322 x 288 x 277				
	4P	322 x 358 x 277				
Fixed	3P	301 x 276 x 196				
	4P	301 x 346 x 196				
Weight (kg) (approximate)						
Drawout	3P/4P	30/39				
Fixed	3P/4P	14/18				

Masterpact NW08 to NW63 installation characteristics

Circuit breaker		NW08, NW10, NW12, NW16					NW20				
Type		N1	H1	H2	L1	H10	H1	H2	H3	L1	H10
Connection											
Drawout	FC	■	■	■	■	-	■	■	■	■	-
	RC	■	■	■	■	■	■	■	■	■	■
Fixed	FC	■	■	■	-	-	■	■	-	-	-
	RC	■	■	■	-	-	■	■	-	-	-
Dimensions (mm) H x W x D											
Drawout	3P	439 x 441 x 395									
	4P	439 x 556 x 395									
Fixed	3P	352 x 422 x 297									
	4P	352 x 537 x 297									
Weight (kg) (approximate)											
Drawout	3P/4P	90/120									
Fixed	3P/4P	50/65									

(1) Except 4000.

				Special applications				
	H2	H3	L1	NW H10	NW H2 with corrosion protection	NW10...NW40 N DC	H DC	NW earthing switch
	High-performance circuit breaker for heavy industry with high short-circuit currents	Incoming device with very high performance for critical applications	Limiting circuit breaker for protection of cable-type feeders or upgraded transformer ratings	1000 V systems, e.g. mines and wind power	Environments with high sulphur contents	DC system	DC system	Installation earthing
	100 kA	150 kA	150 kA	-	100 kA	-	-	-
	-	-	-	50 kA	-	-	-	-
	-	-	-	-	-	35 kA	85 kA	-
	Left or right	Left	Left	Left	Left	-	-	-
	F	-	-	-	-	F	F	-
	D	D	D	D	D	D	D	D
	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Yes up to 3200 A	Yes up to 3200 A	Yes up to 3200 A	No	Yes up to 3200 A	No	No	Yes up to 3200 A
	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	A, E, P, H	A, E, P, H	A, E, P, H	A, consult us for P and H	A, E, P, H	DC Micrologic	DC Micrologic	-

A

NW25, NW32, NW40				NW40b, NW50, NW63	
H1	H2	H3	H10	H1	H2
■ ⁽¹⁾	■ ⁽¹⁾	■ ⁽¹⁾	-	-	-
■	■	■	■	■	■
■ ⁽¹⁾	■ ⁽¹⁾	-	-	-	-
■	■	-	-	■	■
				479 x 786 x 395	
				479 x 1016 x 395	
				352 x 767 x 297	
				352 x 997 x 297	
				225/300	
				120/160	