



US Breaker's UL489 100 - 250A 3P Compact NS Replacements

Merlin Gerin Compact NS (NS100N, NS160N, NS250N, NSF150N, NSF250N)

Direct Replacement Cross Reference



US Breaker HG/JG

HG Standard AIC - (100KA@240V, 35KA@480V)					
Amps	Adjustable	US Breaker Part #	US Breaker Price	Merlin Gerin Cross Ref (Frame+Trip)	Merlin Gerin Cross Ref (Frame+Trip)
100	(80 - 100)	HG3C100L	\$254.00	NS100N+TM100D	NSF150N+TM100
125	(100 - 125)	HG3C125L	\$289.00	NS160N+TM125D	NSF150N+TM125
150	(120 - 150)	HG3C150L	\$289.00	NS160N+TM160D	NSF150N+TM150
200	(160 - 200)	JG3C200L	\$299.00	NS250N+TM200D	NSF250N+TM200
250	(200 - 250)	JG3C250L	\$395.00	NS250N+TM250D	NSF250N+TM250

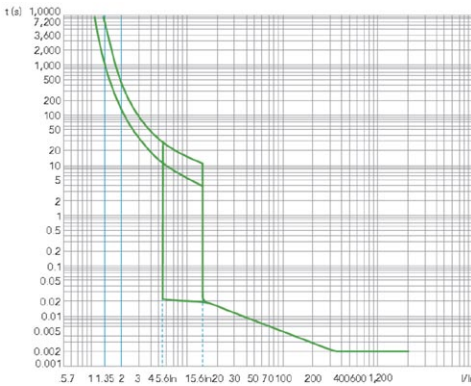


15 - 600A Frames

* Electrical equivalent with the same mounting holes & width. Verify faceplate and handle with each application.
 * US Breaker makes no claims of ownership for copyrights or trademarks used for cross reference of part #'s.
 * US Breaker parts include 6 wire lugs.



Time Current Curve

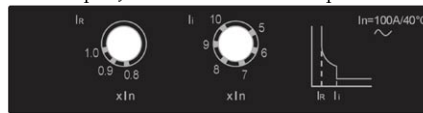


H Frame 100 - 150 Amp

Trip Unit Adjustability

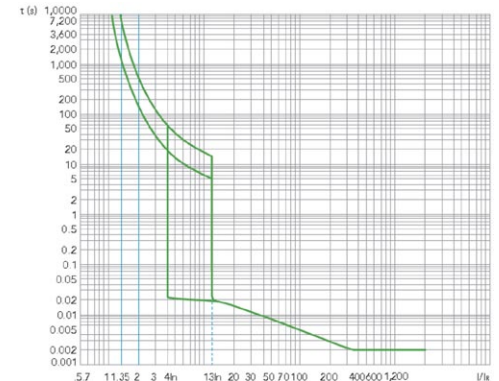
Circuit Breaker Frame	HD	HG	JD	JG
Rated Current In	100 - 150		175 - 250	
Thermal Adj.	Adjustable = (0.8, 0.9 or 1.0) x In			
Magnetic Adj.	Adjustable = (5-10) x In			

Example: JD3C200L In = 200 Amps



Ir Thermal Setting	Ii Magnetic Setting
.8 (x In) => 160 Amp	5 (x In) => 1000A
.9 (x In) => 180 Amp	6 (x In) => 1200A
1 (x In) => 200 Amp	7 (x In) => 1400A
	8 (x In) => 1600A
	9 (x In) => 1800A
	10 (x In) => 2000A

Time Current Curve



J Frame 175 - 250 Amp

US Breaker's HG/JG Accessories

Under Voltage Trip

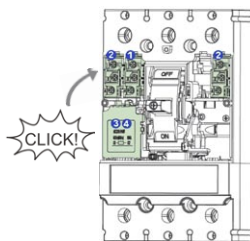
110 - 127Vac	220 - 240Vac	24 - 30Vdc
XUVAHD120	XUVAHD240	XUVDHD024

Signaling

Type	Switch Part#	Contacts	
		NO	NC
Aux Switch	XAU1EL	1	1
Bell Alarm	XAL1EL	1	1

Shunt Trip

100 - 130Vac	220 - 240Vac	480 - 500Vac	24Vdc
XSTAHD120	XSTAHD240	XSTAHD480	XSTDHD024



Handle Operator

Through the Door Operator (Nema 4/4X, IP55)

Through the Door - 6 inch	XVDGHJ06
Through the Door - 12 inch	XVDGHJ12



Interlock



Lock Off

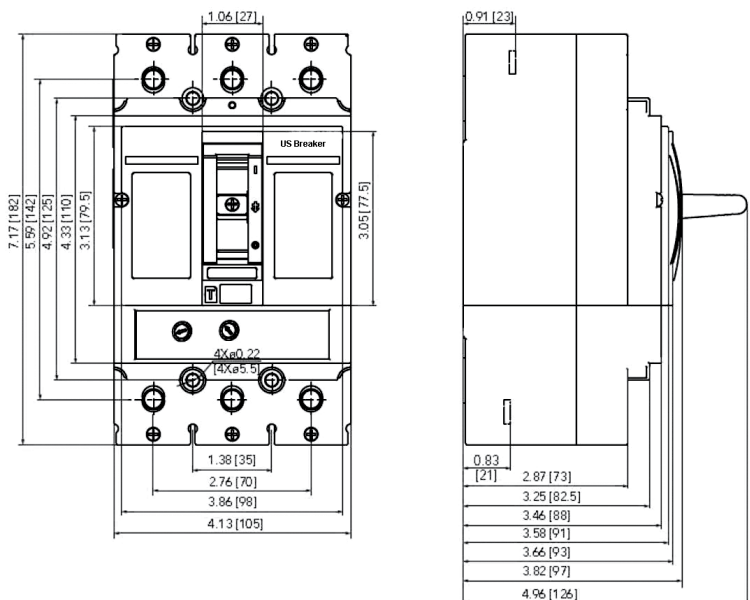


Rear Connectors



Plug in Base

US Breaker's HG/JG 3P Dimensions



* US Breaker accessories are for use in & UL listed for use in US Breaker frames only