

Ratings And Specifications

Thermal Adjustable Type

Frame Size										
	125			160			250			
Model	KWN3s-125			KWN3s-160			KWN3s-250			
Number of poles	3,4									
Rated current(A) In	40,50,60,63, 70,75,80,90,100,125			30,32,40,50,63 70,75,80,100, 125,140,150,160			100,125,140,150, 160,175,180,200, 225,250			
Magnetic tripping current (Ii)	10*In			10*In for 50-160A 480A for 30-40A			10*In			
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0 or 0.7/0.85/1.0									
Standard	IEC/EN 60947-2									
Reference temperature	40°C/55°C									
Rated operational voltage	380/400/415V AC									
Rated insulation voltage Ui (V)	800			1000						
Rated impluse withstand voltage Uimp (kV)	8									
Breaking capacity level	M			L	M	H	H ⁺	L	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	25			36	50	65	85	36	50	65
Rated service short-circuit breaking capacity Ics(kA)	18			25	36	50	66	25	36	50
Icu=Ics(kA)	18			25	36	50	66	25	36	50
Mechanical Endurance Electrical Endurance	for 40-100A		for 125A		for 30-100A		for 125-160A		2500 500	
	8500 1500		7000 1000		8500 1500		7000 1000			
Accessories	Auxiliary contact(OF) Alarm switch(SD) Shunt trip(MX) Under-voltage release(MN) Motor Rotary handle operating mechanism									
Certification	  									

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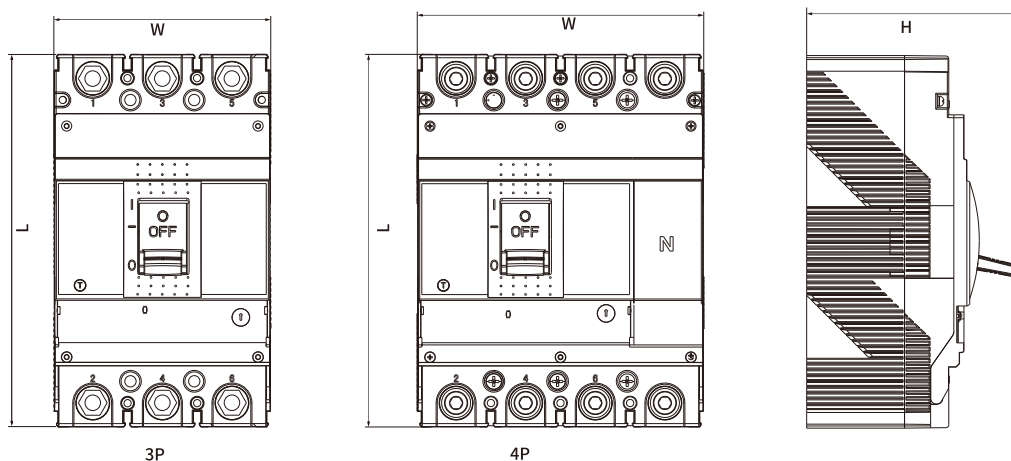
Frame Size									
	400			630			800/1000		
Model	KWN3s-400			KWN3s-630			KWN3s-800 KWN3s-1000		
Number of poles	3,4								
Rated current(A) In	250,275,280, 300,315,350,400			450,500,550,600,630			For KWN3s-800 630,700,770,800		
							For KWN3s-1000 630,700,770,800,1000		
Magnetic tripping current (Ii)	10*In								
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0								
Standard	IEC/EN 60947-2								
Reference temperature	40°C/55°C								
Rated operational voltage	380/400/415V AC								
Rated insulation voltage Ui (V)	1000								
Rated impluse withstand voltage Uimp (kV)	8								
Breaking capacity level	L	M	H	L	M	H	M	H	
Rated ultimate short-circuit breaking capacity Icu(kA)	50	85	100	50	85	100	85	100	
Rated service short-circuit breaking capacity Ics(kA)	50	60	75	50	60	75	60	75	
Icu=Ics(kA)	50	60	75	50	60	75	60	75	
Mechanical Endurance Electrical Endurance	for 250-315A		for 350-400A		4000 1000			2500 500	
	7000 1000		4000 1000						
Accessories	Auxiliary contact(OF) Under-voltage release(MN) Alarm switch(SD) Motor Shunt trip(MX) Rotary handle operating mechanism								
Certification	  						Listed in September 2026		

Product Dimension Drawing

Thermal Adjustable Type

KWN3s

125,160,250,400,
630,800/1000



KWN3s Dimensions mm(L×W×H)

Frame Size		125	160	160 (H [*])	250	400	630	800/1000
3P	Length	133	155	155	165	257	257	280
	Width	75	92	92	107	150	150	210
	Height	81	93	99	100.5	152	152	155
4P	Length	133	155	155	165	257	257	280
	Width	100	122	122	142	197	197	280
	Height	81	93	99	100.5	152	152	155