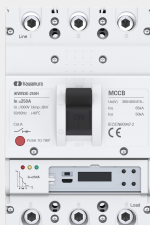


Ratings And Specifications

Electronic Type With LCD

Frame Size														
	160				250				400					
Model	iKWN3E-160				iKWN3E-250				iKWN3E-400					
Number of poles	3,4													
Rated current(A) In	63,100,125,160				125,160,200,250				250,300,315,320,400					
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													
Selectivity category	A							B						
Rated short-time with stand current (Icw)								8 kA – 1 s						
Breaking capacity level	L	M	H	H ⁺	L	M	H		M		H			
Rated ultimate short-circuit breaking capacity Icu(kA)	36	50	65	85	36	50	65		85		100			
Rated service short-circuit breaking capacity Ics(kA)	25	36	50	66	25	36	50		60		75			
Icu=Ics(kA)	25	36	50	66	25	36	50		60		75			
Mechanical Endurance	for 63-100A		for 125-160A		7000 1000				for 250-315A		for 320-400A			
Electrical Endurance	8500 1500		7000 1000						7000 1000		4000 1000			
Accessories	Auxiliary contact(OF) Alarm switch(SD) Shunt trip(MX)								Under-voltage release(MN) Motor Rotary handle operating mechanism					
Certification	  				Listed in November 2026				  					

Ratings And Specifications

Electronic Type With LCD

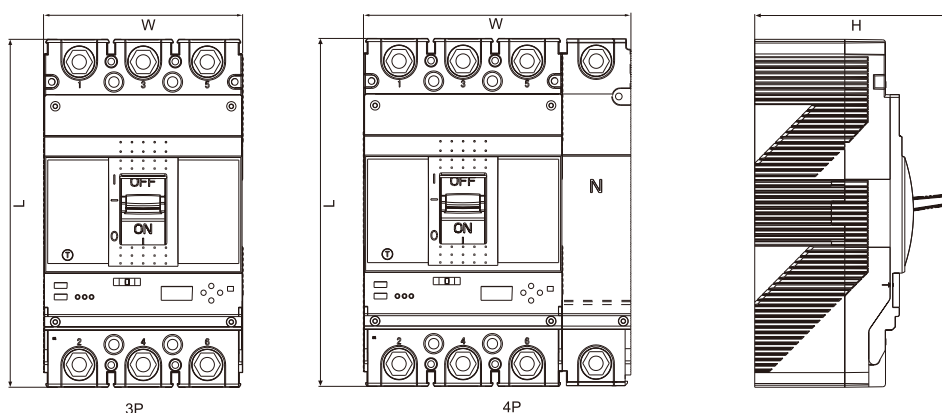
Frame Size				
	630		800/1000	
Model	iKWN3E-630		iKWN3E-800 iKWN3E-1000	
Number of poles	3,4			
Rated current(A) In	250,300,315,320 400,500,600,630		For iKWN3E-800 630,800	
			For iKWN3E-1000 630,800,1000	
Standard	IEC/EN 60947-2			
Reference temperature	40°C/55°C			
Rated operational voltage	380/400/415V AC			
Rated insulation voltage Ui (V)	1000			
Rated impluse withstand voltage Uimp (kV)	8			
Selectivity category	B			
Rated short-time with stand current (Icw)	8 kA - 1 s		10 kA - 1 s	
Breaking capacity level	M	H	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	85	100	85	100
Rated service short-circuit breaking capacity Ics(kA)	60	75	60	75
Icu=Ics(kA)	60	75	60	75
Mechanical Endurance Electrical Endurance	4000 1000		2500 500	
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

Electronic Type With LCD

iKWN3E

160,250,400,630,800/1000



iKWN3E Dimensions mm(L×W×H)

Frame Size		160	160 (H ⁺)	250	400	630	800/1000
3P	Length	155	155	165	257	257	280
	Width	92	92	107	150	150	210
	Height	93	99	100.5	152	152	155
4P	Length	155	155	165	257	257	280
	Width	122	122	142	197	197	280
	Height	93	99	100.5	152	152	155

Setting Parameters

Electronic Type With LCD

Frame Size	iKWN3E-160A				iKWN3E-250A				iKWN3E-400A				
Rated current In(A)	63	100	125	160	125	160	200	250	250	300	315	320	400
Ir(A) Long Delay Current Setting	25-63A in steps of 1A	40-100A in steps of 1A	50-125A in steps of 1A	63-160A in steps of 1A	50-125A in steps of 1A	63-160A in steps of 1A	80-200A in steps of 1A	100-250A in steps of 1A	100-250A in steps of 1A	120-300A in steps of 1A	126-315A in steps of 1A	128-320A in steps of 1A	160-400A in steps of 1A
tr(S) Long Delay Time	12-150 sec in steps of 1 sec+OFF												
Isd(A) Short Circuit Protection Of Low Level Faults	126-630A in steps of 1A	200-1000A in steps of 1A	250-1250A in steps of 1A	320-1600A in steps of 1A	250-1250A in steps of 1A	320-1600A in steps of 1A	400-2000A in steps of 1A	500-2500A in steps of 1A	200-3000A in steps of 1A	240-3600A in steps of 1A	252-3780A in steps of 1A	256-3840A in steps of 1A	320-4800A in steps of 1A
tsd (S) short time	0.06-1 sec in steps of 0.01 sec+OFF												
li(A) Short Circuit Protection Of High level Faults	100-756 in steps of 1A + OFF	252-756A in steps of 1A + OFF	400-1200A in steps of 1A + OFF	640-1920A in steps of 1A + OFF	500-1250A in steps of 1A + OFF	640-1920A in steps of 1A + OFF	800-2400A in steps of 1A + OFF	1000-3000A in steps of 1A + OFF	400-3500A in steps of 1A + OFF	480-4200A in steps of 1A + OFF	504-4410A in steps of 1A + OFF	512-4480A in steps of 1A + OFF	640-5600A in steps of 1A + OFF
Ip(A) Pre Trip Alarm Setting Multiple	44-63A in steps of 1A	70-100A in steps of 1A	87-125A in steps of 1A	112-160A in steps of 1A	87-125A in steps of 1A	112-160A in steps of 1A	140-200A in steps of 1A	175-250A in steps of 1A	70-250A in steps of 1A	84-300A in steps of 1A	88.2-315A in steps of 1A	89.6-320A in steps of 1A	112-400A in steps of 1A
For 4p Ig(A) Ground Fault Pickup Current	12.6-63A in steps of 1A + OFF	20-100A in steps of 1A + OFF	25-125A in steps of 1A + OFF	32-160A in steps of 1A + OFF	25-125A in steps of 1A + OFF	32-160A in steps of 1A + OFF	40-200A in steps of 1A + OFF	50-250A in steps of 1A + OFF	50-250A in steps of 1A + OFF	60-300A in steps of 1A + OFF	63-315A in steps of 1A + OFF	64-320A in steps of 1A + OFF	80-400A in steps of 1A + OFF
For 4p tg(S) Ground Fault Pickup Time	0.4-1 sec in steps of 0.1sec												

Setting Parameters									Electronic Type With LCD				
Frame Size	iKWN3E-630A								iKWN3E-800A		iKWN3E-1000A		
Rated current In(A)	250	300	315	320	400	500	600	630	630	800	630	800	1000
Ir(A) Long Delay Current Setting	100-250A in steps of 1A	120-300A in steps of 1A	126-315A in steps of 1A	128-320A in steps of 1A	160-400A in steps of 1A	200-500A in steps of 1A	240-600A in steps of 1A	252-630A in steps of 1A	252-630A in steps of 1A	320-800A in steps of 1A	252-630A in steps of 1A	320-800A in steps of 1A	400-1000A in steps of 1A
tr(S) Long Delay Time	12-150 sec in steps of 1 sec+OFF												
Isd(A) Short Circuit Protection Of Low Level Faults	200-3000A in steps of 1A	240-3600A in steps of 1A	252-3780A in steps of 1A	256-3840A in steps of 1A	320-4800A in steps of 1A	400-6000A in steps of 1A	480-7200A in steps of 1A	504-7560A in steps of 1A	504-5670A in steps of 1A	640-7200A in steps of 1A	504-5670A in steps of 1A	640-7200A in steps of 1A	800-10000A in steps of 1A
tsd (S) short time	0.06-1 sec in steps of 0.01 sec+OFF												
li(A) Short Circuit Protection Of High level Faults	400-3500A in steps of 1A + OFF	480-4200A in steps of 1A + OFF	504-4410A in steps of 1A + OFF	512-4480A in steps of 1A + OFF	640-5600A in steps of 1A + OFF	800-7000A in steps of 1A + OFF	960-8400A in steps of 1A + OFF	1008-8820A in steps of 1A + OFF	1008-8820A in steps of 1A + OFF	1280-9600A in steps of 1A + OFF	1008-8820A in steps of 1A + OFF	1280-9600A in steps of 1A + OFF	1600-12000A in steps of 1A + OFF
Ip(A) Pre Trip Alarm Setting Multiple	70-250A in steps of 1A	84-300A in steps of 1A	88.2-315A in steps of 1A	89.6-320A in steps of 1A	112-400A in steps of 1A	140-500A in steps of 1A	168-600A in steps of 1A	176.4-630A in steps of 1A	176.4-630A in steps of 1A	224-800A in steps of 1A	176.4-630A in steps of 1A	224-800A in steps of 1A	280-1000A in steps of 1A
For 4p Ig(A) Ground Fault Pickup Current	50-250A in steps of 1A + OFF	60-300A in steps of 1A + OFF	63-315A in steps of 1A + OFF	64-320A in steps of 1A + OFF	80-400A in steps of 1A + OFF	100-500A in steps of 1A + OFF	120-600A in steps of 1A + OFF	126-630A in steps of 1A + OFF	126-630A in steps of 1A + OFF	160-800A in steps of 1A + OFF	126-630A in steps of 1A + OFF	320-800A in steps of 1A + OFF	400-1000A in steps of 1A + OFF
For 4p tg(S) Ground Fault Pickup Time	0.4-1 sec in steps of 0.1sec												