




# Air Circuit Breaker HDW3



# Overview

## Technical Parameters

### Common features

Pole	3, 4
Rated operational voltage AC Ue(V)	400/415 660/690V
Rated insulation voltage Ui(V)	1000
Rated impulse withstand voltage Uimp(kV)	12
Rated frequency (Hz)	50/60
For isolation	
Standard	IEC 60947-2
Certification	CE KEMA

Product		HDW3																					
Frame size		1600M		1600S		2000M		2000S		3200M		3200S		4000M		4000S		6300M		6300S			
Rated current In(A)																							
400		■	■																				
630		■	■	■	■																		
800		■	■	■	■																		
1000		■	■	■	■																		
1250		■	■	■	■																		
1600		■	■	■	■								■	■									
2000				■	■			■	■			■	■										
2500								■	■			■	■										
3200								■	■			■	■										
4000														■	■			■	■				
5000																			■	■			
6300																				■	■		
Breaking capacity		400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	400V 690V	
Icu (kA)		50 35	42 35	80 50	65 40	80 65	65 40	80 65	65 50	100 65	85 65	85 65	120 85	85 75	85 75								
Ics (kA)		42 35	42 35	65 40	65 40	65 50	65 50	85 65	85 65	85 65	85 65	85 65	100 75	85 75	85 75								
Icw(1s)(kA)		42 35	42 35	65 40	65 40	65 50	65 50	85 65	85 65	85 65	85 65	85 65	85 75	85 75	85 75								
Mechanical life	Without maintenance	12500		15000		10000		10000		2500													
	With maintenance	25000		30000		20000		20000		5000													
Electrical life	400/415V	6000		6500		5000		5000		800													
	690V	4000		4000		3000		3000		500													
Dimension(mm)																							
Draw-out	3P	322*288*330		436*405*425		436*465*425		439*441*428.6		441.5*815*508													
	4P	322*358*330		436*500*425		436*580*425		439*556*428.6		441.5*930*508													
Fixed	3P	310*276*229		397*364*327		397*428*327		352*422*329.5		/													
	4P	310*346*229		397*459*327		397*543*327		352*537*329.5		/													
Weight(KG)																							
Draw-out type	3P	34		73.6		93.8		78		233													
	4P	41		85.5		115		95		271.8													
Fixed type	3P	14		41.4		53.4		42		/													
	4P	17		52		68		52		/													
Tripping time																							
Tripping time with arc extinguishing																							
Closing time																							



HDW3-1600



HDW3-2000



HDW3-3200



HDW3-4000



HDW3-6300

# iRT 326 Controller

## Intelligent Controller Introduction

iTR326



L

iTR326A



M

iTR326H



H

Protection function	L	M	H
Overload protection L	Overload protection L	Overload protection L	Overload protection L
Short-circuit protection with short delay S	Short-circuit protection with short delay S	Short-circuit protection with short delay S	Short-circuit protection with short delay S
Short-circuit protection instantaneous I	Short-circuit protection instantaneous I	Short-circuit protection instantaneous I	Short-circuit protection instantaneous I
Ground protection G	Ground protection G	Ground protection G	Ground protection G
MCR Protection	MCR protection	MCR protection	MCR protection
HSISC protection	HSISC protection	HSISC protection	HSISC protection
			Under voltage protection/alarm
			Overvoltage protection/alarm
			voltage unbalance protection /alarm
			Phase sequence protection/alarm
			Low frequency protection/alarm
			High frequency protection/alarm
			Reverse power protection/alarm
Measurement		Current measurement	Current measurement
			Voltage measurement
			Power measurement
			Frequency measurement
			Harmonics measurement
Auxiliary	Pre-alarm	Pre-alarm	Pre-alarm
	Event record	Self-diagnostic	Self-diagnostic
	Test	Event record	Event record
		Test	Test
Display		LED	LCD
Special function			Load monitoring
			Zone selective interlock
Communication			Modbus