

## YZW45(DW45) SERIES UNIVERSAL AIR CIRCUIT BREAKER



### APPLICATION

The breaker is mainly suited for distribution network of AC 50/60HZ, rated working current up to 6300A, rated voltage up to 690V to distribute electric power and protect the line and the equipment against the damage due to overload, short circuit, under-voltage and single phase earthing in transformer's neutral point TN distribution system. It is also used to unfrequently convert the line under normal condition. The breaker can realize selective protection which can improve the reliability of power supply and avoid unnecessary power failure.



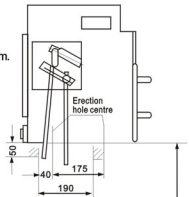
Intelligent controller is the core part of breaker, Classified as standard controller and communication controller. Communication controller is based on standard controller and add one communication function.

### MAIN TECHNICAL PARAMETER

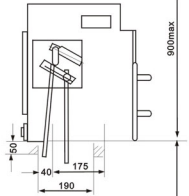
Frame classing rated current	2000A	3200A	4000A	6300A
Rated insulation voltage	690V			
Rated voltage	400V			
Rated current	400A~6300A			
Rated ultimate short-circuit breaking capacity(Icu)	80kA~400V 50kA~690V	100kA~400V 80kA~690V	100kA~400V 80kA~690V	120kA~400V 80kA~690V
Rated service short-circuit breaking capacity(Ics)	50kA~400V 40kA~690V	80kA~400V 65kA~690V	80kA~400V 65kA~690V	100kA~400V 70kA~690V
Rated withstand current for short-time(Icw)	50kA~400V 40kA~690V	80kA~400V 65kA~690V	80kA~400V 65kA~690V	100kA~400V 70kA~690V
Number of poles	3P,4P			
Arcing distance	0			

## INTERLOCK MECHANISM

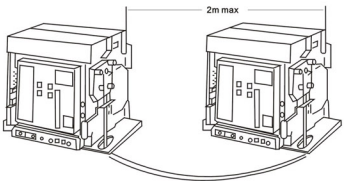
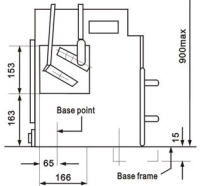
It can be used in multiple power-supplied system.



Two or three selected breakers can be interlocked with connecting rod.

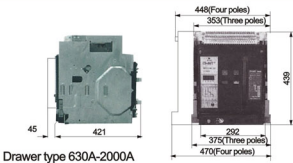


Three overlap-assembled breakers interlocked with connecting rods. For two overlap-assembled breakers, only removing the top breaker.



Two flatwise positioned breakers interlocked with a steel cable.

## OUTLINE AND INSTALLATION SIZE



Drawer type 630A-2000A