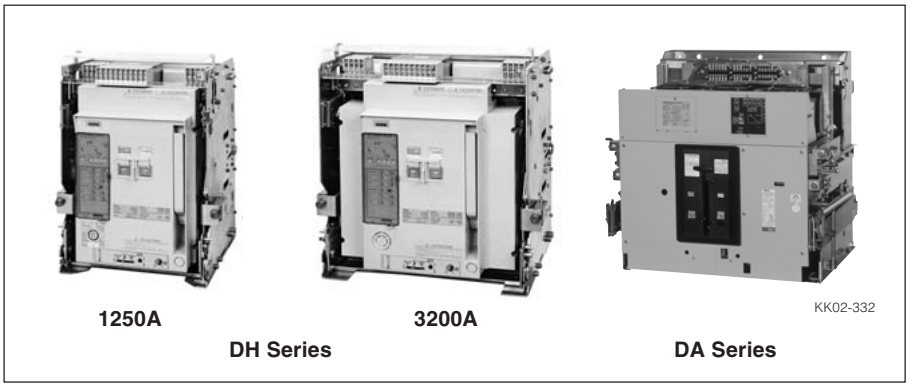
Air circuit breakers DH and DA series

■ Description

The newly designed DH series air circuit breakers have excellent features as follows:

- The height and depth dimensions are identical in all sizes up to 3200AF
- Incresed accessibility from the front enhances easy of installation, operation and maintenance
- No extra arc space required, This will assist in minimizing switchboard height and costs
- Very fast interruption by double break system
- Selective trip protective coordination functions



The DA series air circuit breakers feature the following advantages.

- Multifunction overcurrent trip device built in an 8-bit CPU
- Common use of AC and DC voltage for the control power supply
- Large rated short-time current capacity

■ Selection guide

Series			DH series	DA series
Frame size			800, 1250, 1600, 2000, 2500, 3200, 4000	5000, 6000
No. of poles			3, 4	2, 3, 4
Installation	Fixed		Available (except 4000AF)	Not available
	Draw-out		Available	Available
Closing mechanism			Manual spring, motor spring	
Tripping mechanism			Shunt trip, undevervoltage trip	
Overcurrent protection device	Characteristic	L-characteristic	Available	Available
		R-characteristic	Available	Not available
		S-characteristic	Available	Available
	Protecion function	Long time delay Short time delay Instantanous	Available	Available
		Pre-alarm	Available	Available
		Ground fault	Available	Available
		Earth leakage	Available	Not available
		Preverse power	Available	Not available
		N-phase protection	Available	Available
		Contact temp.monitoring	Available	Not available

■ Comparison of breaking capacity

Rated current (A)			800A	1250A	1600A	2000A	2500A	3200A	4000A	5000A	6000A
Rated breaking capacity (kA. sym.)/ Rated making current (kA. peak)	Rated voltage 690V AC	**DH□**	50/105				65/143		75/165		
		DH□H		55/121							
		DH□P			85/187						
		DA□								85/187	
	Rated voltage 440V AC	**DH□**	65/143				85/187		100/220		
		DH□H		80/176							
		DH□P			100/220						
		DA□								120/264	

■ Standards (Conform to the following standards)

● Conforming to

IEC60947-2
EN60947-2
AS3947-2
NEMA PUB No. SG3
ANSI C37.13
BS EN60947-2
VDE 0660 part 101
JIS C 8372 (JIS C8201-2)
JEC 160

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