

KATALOG CIRCUIT BREAKER

Item	Description			
Device name	DC high speed vacuum circuit breaker			
Applicable standards	JIS E2501-1 (2010) "Railway applications - Fixed installations - DC switchgear - Part 1: General" JIS E2501-2 (2010) "Railway applications - Fixed installations - DC switchgear - Part 2: DC circuit-breakers"			
Structure	Indoor-use (outdoor-use) cubicle type switchgear (JEM1425-CW) (draw-out type, main circuit with shutter)			
Protection class	IP2X			
Circuit breaker body type	HX5001X- Mf-DA(: 20, 30, 40)		HX10001X- Mf-DA(: 20, 30, 40)	
Device type	VDC215-P	VDC208-P	VDC215-T	VDC208-T
Rated voltage	DC 1500 V	DC 750 V	DC 1500 V	DC 750 V
Maximum arc voltage	4000 V or less	2500 V or less	4000 V or less	2500 V or less
Rated breaking capacity	50 kA (at 3×10 ⁶ A/s)		100 kA (at 10×10 ⁶ A/s)	
Maximum cut-off current	25 kA or less		36 kA or less	
Rated current	2000A/3000A/4000A			
Operating duty cycle	O - 10 sec - CO			
Rated short-time withstand current	1 sec, 75 kA			
Current detection method	Forward overcurrent detection (built-in reverse current relay function) *			
Setting current scale	4 kA to 12 kA, 2 kA to 6 kA, 1 kA to 3 kA			