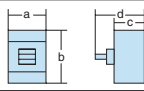


# 2

## Ratings and Specifications

### Moulded Case Circuit Breakers

#### 6 Non-automatic trip breakers

Frame size (A)		XS2000NN		XS2500NN		XS3200NN					
<b>Type</b>		3   4		3   4		3					
Number of poles		3   4		3   4		3					
<b>■ Ratings</b>											
Rated current, A		2000		2500		3200					
Rating at		50°C		50°C		50°C					
Rated insulation voltage [ $U_i$ ] V AC		690		690		690					
Rated operational voltage [ $U_e$ ] V		AC 690 DC 250		AC 690 DC 250		AC 690 DC 250					
Rated impulse withstand voltage [ $U_{imp}$ ] kV		8		8		8					
Rated short circuit making capacity [ $I_{cm}$ ] kA peak		90		90		90					
Rated short time withstand current [ $I_{cw}$ ] kA		35 (0.3sec.)		35 (0.3sec.)		38 (0.5sec.)					
<b>■ Performance</b>											
Max. switching current A		AC 12000 DC 5000		AC 15000 DC 6250		AC 15000 DC 6250					
IEC 60947-2		Ann. L CBI-Y		Ann. L CBI-Y		Ann. L CBI-Y					
Upstream breaker (OCPD) ②		XS2000NE		XS2500NE		XS3200NE					
<b>■ External dimensions, mm</b>											
		a 320   429 b 450 c 185 d 245		a 320   429 b 450 c 185 d 245		a 320 b 450 c 185 d 245					
Weight (● marked standard type) kg		51.8   64.8		60   75.7		60					
<b>■ Connections and Mountings</b>											
Front-connected		Terminal screws (FC)		—		—					
		With extension bars (FB)		○		—					
		Cable clamp (FW)		—		—					
Rear-connected		Flat bar studs (RC)		●		●					
Plug-in (PM)		For switchboards (PMC)		—		—					
Draw-out type (DR)		—		○		—					
DIN rail mount (DA)		—		—		—					
<b>■ Accessories (optional)</b>		<b>Symbol</b>									
Internally mounted		Auxiliary switch A X		●		●					
		Alarm switch A L		●		●					
		Shunt trips S H		●		●					
		Undervoltage trips U V		● ⑱		● ⑱					
		Motor operator M C		●		●					
Externally mounted		External operating handle		Breaker-mounted H B Door-mounted (fixed depth) H E		— ● ⑳ XFE					
		Toggle extension H A		● ①		● ①					
		Mechanical interlock ⑲		Slide type M S Link type M L Wire type MW		● — —					
		Toggle holder H H		—		—					
		Toggle lock H L		●		●					
		Terminal cover		For front-connected C F For rear-connected and plug-in C R For cable clamps C S		— — —					
		Terminal block for lead T F		●		●					
		Door flange D F		●		●					
CE marking		Non		Non		Non					
Colour of cover		Grey Blue		Grey Blue		Grey Blue					
Trip button (Colour)		Yes (Red)		Yes (Red)		Yes (Red)					
Suitability for isolation		Non		Non		Non					
Reverse connection		Yes		Yes		Yes					
Endurance		Electrical 415V 500 Mechanical 3,000		Electrical 500 Mechanical 3,000		Electrical 500 Mechanical 2,000					

- Notes:**
- : Standard. This configuration used unless otherwise specified.
  - : Optional standard. Specify when ordering.
  - : "yes" or "available". — : "no" or "not available".
  - ① : Supplied as standard.
  - ⑱ : With AC UVVT, the UVVT controller is externally mounted.
  - ⑲ : Mechanical interlocks cannot be applied to draw-out type (DR).
  - ⑳ : Please use upstream breaker for overcurrent protection. Rated conditional short-circuit current [I<sub>cc</sub>] will be the same as Rated short-circuit breaking capacity of upstream breaker.
  - ㉑ : Fixed depth, not adjustable.