

## ■ Ratings

Basic type				DA50		DA60	
Rated breaking capacity (kA, sym.)/ Rated making current (kA)	IEC [Ics] BS (P-2) VDE AS	With INST trip (Ics) = 100%(Icu)	690V AC	85/187	85/187	85/187	85/187
			600V AC	85/187	85/187	85/187	
			500V AC	120/264	120/264	120/264	
		With MCR	690V AC	85/187	85/187	85/187	
			600V AC	85/187	85/187	85/187	
			500V AC or less	100/220	100/220	120/234	
	Without INST trip	690V AC	70/154	70/154	70/154		
		600V AC	70/154	70/154	70/154		
		600V AC or less	70/154	70/154	70/154		
	NEMA ANSI	With INST trip	600V AC	100/230	100/230	100/230	100/230
			480V AC	120/276	120/276	120/276	
			240V AC	120/276	120/276	120/276	
With MCR		600V AC	100/230	100/230	100/230		
		480V AC or less	100/230	100/230	120/234		
		600V AC or less	70/161	70/161	70/161		
JIS JEC	With INST trip	550V AC	100/230	100/230	100/230	100/230	
		460V AC	120/300	120/300	120/300		
		220V AC	120/300	120/300	120/300		
	With MCR	550V AC	100/230	100/230	100/230		
		460V AC or less	100/230	100/230	120/300		
		550V AC or less	70/154	70/154	70/154		
Rated short time current (r.m.s kA)			1 sec.	100	120		
			3 sec.	70	70		
Rated latching current (r.m.s kA)				70		70	
Total fault clearing time (second)				0.03		0.03	
Closing time		Spring charging time (second) max.		10		10	
		Closing time		0.04		0.04	
Mass (kg) For draw-out type (Draw-out type X)				350	450	380	480

## ■ Specifications of multifunction overcurrent trip device

Application	Type of overcurrent trip device	Protection function					Trip		indication		Field test function	Control power supply*1
		Adj. LTD	Adj. STD	Adj. INST	Adj. PRE-TRIP	Adj. GFT	Contact	Contact +LED				
General feeder protection	L-characteristic	CLAL	●	—	—	—	—	●	—	—	Not required	
		CLGL	—	—	—	—	—	●	—	—		
Generator protection	S-characteristic	CSAL	●	—	—	—	—	●	—	—	Required	
		CSAS	—	—	—	●	—	—	●	●		

●: Available —: Not available

Note: \*1 Long time-delay (including neutral phase protection function), short time-delay, instantaneous (excluding MCR function) and ground fault will operate even if the control power is lost.

## ■ Type number nomenclature

