

# 400AF MCCB

ABN400c, ABS400c, ABH400c, ABL400c



ABS403c



ABL404c

## Ratings

Frame size		400AF													
<b>Type and Pole</b>		<b>N-Type</b>			<b>S-Type</b>			<b>H-Type</b>			<b>L-Type</b>				
2-pole		ABN402c			ABS402c			ABH402c			ABL402c				
3-pole		ABN403c			ABS403c			ABH403c			ABL403c				
4-pole		ABN404c			ABS404c			ABH404c			ABL404c				
Rated current, I <sub>n</sub>		250-300-350-400A													
Rated operational voltage, U <sub>e</sub>		AC: 690V													
		DC: 500V													
Rated insulation voltage, U <sub>i</sub>		AC: 750V													
Rated impulse withstand voltage, U <sub>imp</sub>		8kV													
<b>Rated short-circuit breaking capacity, I<sub>cu</sub></b>		<b>N-Type</b>			<b>S-Type</b>			<b>H-Type</b>			<b>L-Type</b>				
AC 690V		5kA			8kA			10kA			14kA				
480/500V		18kA			35kA			50kA			65kA				
IEC 60947-2 (I <sub>cu</sub> )		415/460V			37kA			50kA			65kA				
380V		42kA			65kA			70kA			100kA				
220/250V		50kA			75kA			85kA			125kA				
DC 500V(3P)		10kA			20kA			40kA			40kA				
250V(3P)		10kA			20kA			40kA			40kA				
I <sub>cs</sub> =100%I <sub>cu</sub>		125V			100%			100%			75%				
<b>Protective function</b>		Overload, Short-circuit													
Type of trip unit		Thermal-Magnetic													
Magnetic trip range		8~12I <sub>n</sub>													
Endurance		Mechanical			4000 operations										
		Electrical			1000 operations										
Connection		Standard			Front connection										
		Optional			Rear connection										
					Plug-in										
Mounting		Standard			Screw fixing										
<b>Dimensions (mm)</b>		Pole		2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p
		a		140	140	184	140	140	184	140	140	184	140	140	184
		b		257			257			257			257		
		c1 <small>Note)</small>		109			109			109			109		
		c2 <small>Note)</small>		113			113			113			113		
		d		145			145			145			145		
Weight, kg		Standard		5.2	6.2	7.8	5.2	6.2	7.8	5.2	6.2	7.8	5.2	6.2	7.8
<b>Certification</b>		Pole		2p	3p	4p	2p	3p	4p	2p	3p	4p	2p	3p	4p
CE marking		CE		○			○			○			○		

Note) Depth by door cut size : c1 for large cut, c2 for small cut

### For more information

- Drawings ▶ 79 page
- Trip curves ▶ 75 page
- Accessories ▶ 61 page
- Connection and mounting ▶ 90 page

## Ordering types

### Breaker types

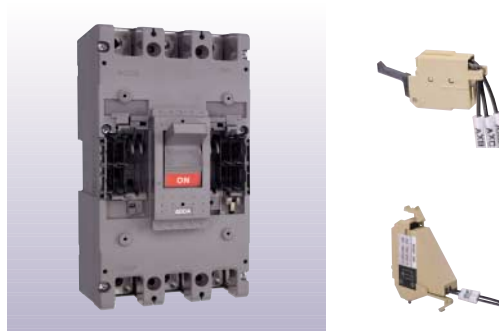
ABN type (37kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
250 A	ABN402c/250	ABN403c/250	ABN404c/250
300 A	ABN402c/300	ABN403c/300	ABN404c/300
350 A	ABN402c/350	ABN403c/350	ABN404c/350
400 A	ABN402c/400	ABN403c/400	ABN404c/400

ABS type (50kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
250 A	ABS402c/250	ABS403c/250	ABS404c/250
300 A	ABS402c/300	ABS403c/300	ABS404c/300
350 A	ABS402c/350	ABS403c/350	ABS404c/350
400 A	ABS402c/400	ABS403c/400	ABS404c/400

ABH type(65kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
250 A	ABH402c/250	ABH403c/250	ABH404c/250
300 A	ABH402c/300	ABH403c/300	ABH404c/300
350 A	ABH402c/350	ABH403c/350	ABH404c/350
400 A	ABH402c/400	ABH403c/400	ABH404c/400

ABL type(85kA/460V)			
Rated current, In	2-pole	3-pole	4-pole
250 A	ABL402c/250	ABL403c/250	ABL404c/250
300 A	ABL402c/300	ABL403c/300	ABL404c/300
350 A	ABL402c/350	ABL403c/350	ABL404c/350
400 A	ABL402c/400	ABL403c/400	ABL404c/400

### Accessories



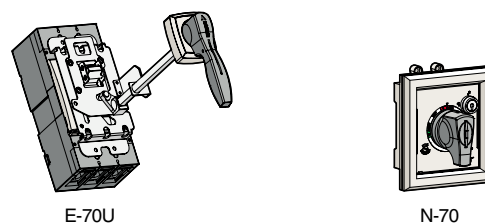
#### Electrical auxiliaries

<b>AX</b>	Auxiliary Switch	
<b>AL</b>	Alarm Switch	
<b>SHT</b>	Shunt Trip	
<b>UVT</b>	Undervoltage trip	

Maximum possibilities

<b>T-position</b>	Option of 2AX, 2AL and SHT or UVT
<b>R-position</b>	Option of 2AX, 2AL and SHT or UVT

Note) For more detail see 61 page



#### External accessories

<b>IBL400</b>	Insulation barrier
<b>T1-43A</b>	Terminal cover (Long) - 2, 3pole
<b>T1-44A</b>	Terminal cover (Long) - 4pole
<b>N-70</b>	Rotary handle (Direct)
<b>E-70U</b>	Rotary handle (Extended)
<b>MI-43</b>	Mechanical interlock - 2, 3pole
<b>MI-44</b>	Mechanical interlock - 4pole
<b>X-402</b>	Rear terminal - 2pole
<b>X-403</b>	Rear terminal - 3pole
<b>X-404</b>	Rear terminal - 4pole
<b>PB-I3-FR</b>	Plug-in kit

Note) For more detail see 65 page