




# Specifications and Standard Order Codes

## | UAB type / 30AF |

- UAB30C 7.5/5kA
- UAB30R 14/10kA

		UAB30C	UAB30R	
				
Number of poles (P)		2, 3		
Degree of protection (with terminal cover)		IP20		
Utilization category		A		
Suitability of isolation		○		
Protection		overload, inst., short-circuit		
Rating	Rated current [A]	3, 5, 10, 15, 20, 30	5, 10, 15, 20, 30	
	Rated insulation voltage [Ui] [V]	AC690		
	Rated operational voltage [Ue] [V]	AC660		
	Rated impulse withstand voltage [Uimp] [kV]	6		
Rated short-circuit breaking capacity	Ultimate [Icu] [kA r.m.s.]	AC600/660V, 50-60Hz	2.5	5
		AC480/500V, 50-60Hz	2.5	7.5
		AC440/460V, 50-60Hz	5	10
		AC380/415V, 50-60Hz	<b>7.5/5</b>	<b>14/10</b>
IEC 60947-2 K 60947-2	AC220/240V, 50-60Hz	10	25	
	Service [Ics] % of [Icu]	50		
Trip mechanism & Protection characteristics	Hydraulic magnetic	Fixed thermal, Fixed instantaneous	○	INST
			12 × In	
Mounting	Direct mounting by screw		○	
	Plug-in	for Switchboard	Both line & load side	○ <sup>1)</sup>
			Line side only	○ <sup>1)</sup>
		for Distribution board		○ <sup>1)</sup>
Terminal connection	Screw		○	
Durability (times)	Mechanical operation		25,000	
	Electrical operation		15,000	
Dimensions (mm)		2/3P	a Width	50/75
			b Height	130
			c Depth	60
			d	82
Weight (kg, breaker only)	2/3P		0.45/0.65	

※ - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

1) Available for 3P breaker

## ■ Accessories

- Signal

Auxiliary switch	1C, right-hand-side	2C, right-hand-side				
	AUX 10A R1	AUX 10A R2				
Trip alarm switch	1C, right-hand-side					
	ALT 10A R1					
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10A A	SHT 10A C	SHT 10A F	SHT 10A H		
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	*UVT 10A J	*UVT 10A L	*UVT 10A N	*UVT 10A P	*UVT 10A Q	*UVT 10A R

※ 1) The permissible operating voltage: 85-110% of rated voltage for AC, 75-125% for DC

2) The permissible operating voltage: 85-110% of rated voltage[AC], 85-125% of rated voltage[DC]

The tripping voltage: 20-70% of rated voltage[AC/DC]

Be sure not to use UVT for the electrical interlock system.

\*Reset is possible without power.

### • Operating

Operating handle <sup>1)</sup>	Power supply direction	Upper	Right	Left	
	Surface	S type	TFG 10AS U4	TFG 10AS R4	TFG 10AS L4
		L type	TFG 10AL U4	—	TFG 10AL L4
	Extended	S type	TFH 10AS		
L type		TFH 10AL			
Motor operator <sup>2)</sup>	DC24V	MOT 10A DC24	AC/DC110V MOT 10A ADC110	AC/DC220V MOT 10A ADC220	
	Mechanical interlock	2 pole —		3 pole MIF 10A 3	
Padlock plate <sup>3)</sup>	PLD 10UA				

※ 1) Available for 3P breaker. For detail type information, please refer to page 195-203. 2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### • Mounting

Plug-in <sup>1)</sup>	Structure	For both line & load side	For line side only	
	Mounting base	TDM 10AP	TDM 10AF	
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	—
		3C contact	CBM 10AB 3	—
Conn. block barrier	CBM BARR	—	—	

※ 1) Available for 3P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

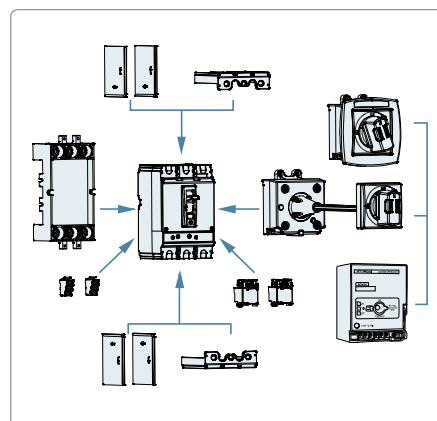
### • Terminal

Cage terminal block	3EA/SET	
	CTB 10A 3S50	
Terminal cover <sup>1)</sup>	2 pole	3 pole
	TCF 10AP 2	TCF 10AP 3
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA



## ■ Standard order code and unit

### • Fixed thermal & fixed instantaneous / Hydraulic magnetic trip




40/45°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)		
UAB30C 7.5/5kA	3A	UAB30C 2PT4S0000C 00003	30	UAB30C 3PT4S0000C 00003	20	Screw type terminal connection, No option, 50/60Hz	MCCB /M1
	5A	UAB30C 2PT4S0000C 00005	30	UAB30C 3PT4S0000C 00005	20		
	10A	UAB30C 2PT4S0000C 00010	30	UAB30C 3PT4S0000C 00010	20		
	15A	UAB30C 2PT4S0000C 00015	30	UAB30C 3PT4S0000C 00015	20		
	20A	UAB30C 2PT4S0000C 00020	30	UAB30C 3PT4S0000C 00020	20		
UAB30R 14/10kA	30A	UAB30C 2PT4S0000C 00030	30	UAB30C 3PT4S0000C 00030	20		
	5A	UAB30R 2PT4S0000C 00005	30	UAB30R 3PT4S0000C 00005	20		
	10A	UAB30R 2PT4S0000C 00010	30	UAB30R 3PT4S0000C 00010	20		
	15A	UAB30R 2PT4S0000C 00015	30	UAB30R 3PT4S0000C 00015	20		
	20A	UAB30R 2PT4S0000C 00020	30	UAB30R 3PT4S0000C 00020	20		
	30A	UAB30R 2PT4S0000C 00030	30	UAB30R 3PT4S0000C 00030	20		

# Specifications and Standard Order Codes

## | UAB type / 50AF |

- UAB50C 7.5/5kA
- UAB50R 14/10kA

		UAB50C	UAB50R	
				
Number of poles (P)		2, 3, 4		
Degree of protection (with terminal cover)		IP20		
Utilization category		A		
Suitability of isolation		○		
Protection		overload, inst., short-circuit		
Rating	Rated current (A)	5, 10, 15, 20, 30, 40, 50		
	Rated insulation voltage [Ui] [V]	AC690		
	Rated operational voltage [Ue] [V]	AC660		
	Rated impulse withstand voltage [Uimp] [kV]	6		
Rated short-circuit breaking capacity	Ultimate [Icu] (kA r.m.s.)	AC600/660V, 50-60Hz	2.5	5
		AC480/500V, 50-60Hz	2.5	7.5
		AC440/460V, 50-60Hz	5	10
		AC380/415V, 50-60Hz	<b>7.5/5</b>	<b>14/10</b>
	IEC 60947-2 K 60947-2	AC220/240V, 50-60Hz	10	25
	Service [Ics]	% of [Icu]		
Trip mechanism & Protection characteristics	Hydraulic magnetic	Fixed thermal,	○	
		Fixed instantaneous	INST	12 × In
Mounting	Direct mounting by screw		○	
	Plug-in	for Switchboard	Both line & load side	○ <sup>1)</sup>
			Line side only	○ <sup>1)</sup>
		for Distribution board		○ <sup>1)</sup>
Terminal connection	Screw		○	
Durability (times)	Mechanical operation		25,000	
	Electrical operation		15,000	
Dimensions (mm)		2/3/4P	a Width	50/75/100
			b Height	130
			c Depth	60
			d	82
Weight (kg, breaker only)	2/3/4P		0,45/0,65/0,85	

\* - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

<sup>1)</sup> Available for 3P breaker

## ■ Accessories

- Signal

Auxiliary switch	1C, right-hand-side	2C, right-hand-side				
	AUX 10A R1	AUX 10A R2				
Trip alarm switch	1C, right-hand-side					
	ALT 10A R1					
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10A A	SHT 10A C	SHT 10A F		SHT 10A H	
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	UVT 10A J	UVT 10A L	UVT 10A N	UVT 10A P	UVT 10A Q	UVT 10A R

<sup>1)</sup> The permissible operating voltage: 85-110% of rated voltage for AC, 75-125% for DC

<sup>2)</sup> The permissible operating voltage: 85-110% of rated voltage[AC], 85-125% of rated voltage[DC]

The tripping voltage: 20-70% of rated voltage[AC/DC]

Be sure not to use UVT for the electrical interlock system.

\*Reset is possible without power.

### • Operating

Operating handle <sup>1)</sup>	Power supply direction		Upper	Right	Left
	Surface	S type	TFG 10AS U4	TFG 10AS R4	TFG 10AS L4
		L type	TFG 10AL U4	—	TFG 10AL L4
	Extended	S type	TFH 10AS		
L type		TFH 10AL			
Motor operator <sup>2)</sup>		DC24V	AC/DC110V	AC/DC220V	
		MOT 10A DC24	MOT 10A ADC110	MOT 10A ADC220	
Mechanical interlock		2 pole	3 pole	4 pole	
		—	MIF 10A 3	MIF 10A 4	
Padlock plate <sup>3)</sup>		PLD 10UA			

※ 1) Available for 3P, 4P breaker. For detail type information, please refer to page 195-202. 2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### • Mounting

Plug-in <sup>1)</sup>	Structure		For both line & load side	For line side only
	Mounting base		TDM 10AP	TDM 10AF
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	—
		3C contact	CBM 10AB 3	—
Conn. block barrier		CBM BARR	—	

※ 1) Available for 3P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

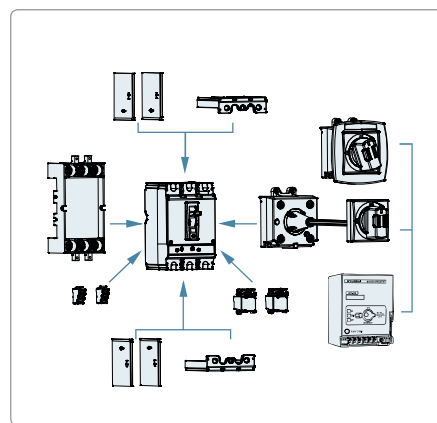
### • Terminal

Cage terminal block	3EA/SET	4EA/SET	
	CTB 10A 3S50	CTB 10A 4S50	
Terminal cover <sup>1)</sup>	2 pole	3 pole	4 pole
	TCF 10AP 2	TCF 10AP 3	TCF 10AP 4
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE	

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA, 4 pole 6EA



## ■ Standard order code and unit

### • Fixed thermal & fixed instantaneous / Hydraulic magnetic trip



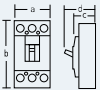
40/45°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB50C 7.5/5kA	5A	UAB50C 2PT4S0000C 00005	30	UAB50C 3PT4S0000C 00005	20	UAB50C 4PT4S0000C 00005	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M1
	10A	UAB50C 2PT4S0000C 00010	30	UAB50C 3PT4S0000C 00010	20	UAB50C 4PT4S0000C 00010	16		
	15A	UAB50C 2PT4S0000C 00015	30	UAB50C 3PT4S0000C 00015	20	UAB50C 4PT4S0000C 00015	16		
	20A	UAB50C 2PT4S0000C 00020	30	UAB50C 3PT4S0000C 00020	20	UAB50C 4PT4S0000C 00020	16		
	30A	UAB50C 2PT4S0000C 00030	30	UAB50C 3PT4S0000C 00030	20	UAB50C 4PT4S0000C 00030	16		
	40A	UAB50C 2PT4S0000C 00040	30	UAB50C 3PT4S0000C 00040	20	UAB50C 4PT4S0000C 00040	16		
UAB50R 14/10kA	5A	UAB50R 2PT4S0000C 00005	30	UAB50R 3PT4S0000C 00005	20	UAB50R 4PT4S0000C 00005	16		
	10A	UAB50R 2PT4S0000C 00010	30	UAB50R 3PT4S0000C 00010	20	UAB50R 4PT4S0000C 00010	16		
	15A	UAB50R 2PT4S0000C 00015	30	UAB50R 3PT4S0000C 00015	20	UAB50R 4PT4S0000C 00015	16		
	20A	UAB50R 2PT4S0000C 00020	30	UAB50R 3PT4S0000C 00020	20	UAB50R 4PT4S0000C 00020	16		
	30A	UAB50R 2PT4S0000C 00030	30	UAB50R 3PT4S0000C 00030	20	UAB50R 4PT4S0000C 00030	16		
	40A	UAB50R 2PT4S0000C 00040	30	UAB50R 3PT4S0000C 00040	20	UAB50R 4PT4S0000C 00040	16		
	50A	UAB50R 2PT4S0000C 00050	30	UAB50R 3PT4S0000C 00050	20	UAB50R 4PT4S0000C 00050	16		

# Specifications and Standard Order Codes

## | UAB type / 50AF |

- UAB50S 25kA
- UAB50H 30kA

		UAB50S		UAB50H	
					
Number of poles (P)		2, 3, 4			
Degree of protection (with terminal cover)		IP20			
Utilization category		A			
Suitability of isolation		○			
Protection		overload, inst., short-circuit			
Rating	Rated current [A]	15, 16, 20, 25, 30, 32, 40, 50			
	Rated insulation voltage [Ui] [V]	AC690			
	Rated operational voltage [Ue] [V]	AC660			
	Rated impulse withstand voltage [Uimp] [kV]	DC250			
Rated short-circuit breaking capacity IEC 60947-2 K 60947-2	Ultimate [Icu] (kA r.m.s.)	AC600/660V, 50-60Hz	7.5	10	
		AC480/500V, 50-60Hz	7.5	14	
		AC440/460V, 50-60Hz	21	25	
		AC380/415V, 50-60Hz	<b>25</b>	<b>30</b>	
		AC220/240V, 50-60Hz	42	50	
		DC250V	10	14	
	DC125V	15	20		
	Service [Ics]	% of [Icu]	25		
Trip mechanism & Protection characteristics	Thermal magnetic	Fixed thermal, Fixed instantaneous	INST	○	
			LTD	15-32A: 20×In, 40-100A: 10×In	
		Adjustable thermal, Fixed instantaneous	LTD	[0.8-0.9-1]×In <sup>2)</sup>	
			INST	15-32A: 20×In, 40-100A: 10×In	
Mounting	Direct mounting by screw		○		
	Plug-in	for Switchboard	Both line & load side	○ <sup>1)</sup>	
			Line side only	○ <sup>1)</sup>	
		for Distribution board		○ <sup>1)</sup>	
DIN-rail	with DIN-rail adaptor		○		
Terminal connection		Screw		○	
Durability (times)	Mechanical operation		25,000		
	Electrical operation		15,000		
Dimensions (mm)		2/3/4P	a	Width	50/75/100
			b	Height	130
			c	Depth	60
			d		82
Weight (kg, breaker only)		2/3/4P		0,6/0,78/0,96	

※ - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

1) Available for 3P breaker 2) Available for 3P, 4P breaker

## Accessories

### Signal

Auxiliary switch	1C, right-hand-side	1C, left-hand-side				
	AUX 10UA R1	AUX 10UA L1				
Trip alarm switch	1C, right-hand-side	1C, left-hand-side				
	ALT 10UA R1	ALT 10UA L1				
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10UA A	—	SHT 10UA F	SHT 10UA H	SHT 10UA B	SHT 10UA D
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	UVT 10UA J	UVT 10UA L	UVT 10UA N	UVT 10UA P	UVT 10UA Q	UVT 10UA R

※ 1) The permissible operating voltage: 85-110% of rated voltage for AC , 75-125% for DC

2) The permissible operating voltage: 85-110% of rated voltage[AC], 85-125% of rated voltage[DC]  
The tripping voltage: 20-70% of rated voltage[AC/DC]

Be sure not to use UVT for the electrical interlock system.

### Operating

Operating handle <sup>1)</sup>	Power supply direction		Upper	Right	Left
	Surface	S type	TFG 10UAS U4	TFG 10UAS R4	TFG 10UAS L4
		L type	TFG 10UAL U4	—	TFG 10UAL L4
	Extended	S type	TFH 10UAS		
L type		TFH 10UAL			
Motor operator <sup>2)</sup>	DC24V		AC/DC110V	AC/DC220V	
	MOT 10UA DC24		MOT 10UA ADC110	MOT 10UA ADC220	
Mechanical interlock	2 pole		3 pole	4 pole	
	—		MIF 10UA 3	MIF 10UA 4	
Padlock plate <sup>3)</sup>	—		PLD 10UA		

※ 1) Available for 3P, 4P breaker. For detail type information, please refer to page 195-202.

2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### Mounting

DIN-rail adaptor		DRA 10UA		
Plug-in <sup>1)</sup>	Structure	For both line & load side	For line side only	
	Mounting base	TDM 10AP	TDM 10AF	
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	—
		3C contact	CBM 10AB 3	—
Conn. block barrier	CBM BARR	—	—	

※ 1) Available for 3P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

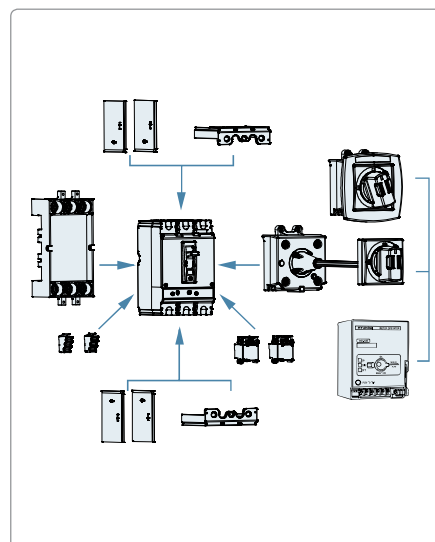
### Terminal

Cage terminal block	3EA/SET	4EA/SET	
	CTB 10A 3S50	CTB 10A 4S50	
Terminal cover <sup>1)</sup>	2 pole	3 pole	4 pole
	TCF 10AP 2	TCF 10AP 3	TCF 10AP 4
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE	

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA, 4 pole 6EA



# Specifications and Standard Order Codes

## Standard order code and unit

- Fixed thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB50S 25kA	15A	UAB50S 2PT4S0000C 00015	30	UAB50S 3PT4S0000C 00015	20	UAB50S 4PT4S0000C 00015	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB50S 2PT4S0000C 00016	30	UAB50S 3PT4S0000C 00016	20	UAB50S 4PT4S0000C 00016	16		
	20A	UAB50S 2PT4S0000C 00020	30	UAB50S 3PT4S0000C 00020	20	UAB50S 4PT4S0000C 00020	16		
	25A	UAB50S 2PT4S0000C 00025	30	UAB50S 3PT4S0000C 00025	20	UAB50S 4PT4S0000C 00025	16		
	30A	UAB50S 2PT4S0000C 00030	30	UAB50S 3PT4S0000C 00030	20	UAB50S 4PT4S0000C 00030	16		
	32A	UAB50S 2PT4S0000C 00032	30	UAB50S 3PT4S0000C 00032	20	UAB50S 4PT4S0000C 00032	16		
	40A	UAB50S 2PT4S0000C 00040	30	UAB50S 3PT4S0000C 00040	20	UAB50S 4PT4S0000C 00040	16		
50A	UAB50S 2PT4S0000C 00050	30	UAB50S 3PT4S0000C 00050	20	UAB50S 4PT4S0000C 00050	16			
UAB50H 30kA	15A	UAB50H 2PT4S0000C 00015	30	UAB50H 3PT4S0000C 00015	20	UAB50H 4PT4S0000C 00015	16		
	16A	UAB50H 2PT4S0000C 00016	30	UAB50H 3PT4S0000C 00016	20	UAB50H 4PT4S0000C 00016	16		
	20A	UAB50H 2PT4S0000C 00020	30	UAB50H 3PT4S0000C 00020	20	UAB50H 4PT4S0000C 00020	16		
	25A	UAB50H 2PT4S0000C 00025	30	UAB50H 3PT4S0000C 00025	20	UAB50H 4PT4S0000C 00025	16		
	30A	UAB50H 2PT4S0000C 00030	30	UAB50H 3PT4S0000C 00030	20	UAB50H 4PT4S0000C 00030	16		
	32A	UAB50H 2PT4S0000C 00032	30	UAB50H 3PT4S0000C 00032	20	UAB50H 4PT4S0000C 00032	16		
	40A	UAB50H 2PT4S0000C 00040	30	UAB50H 3PT4S0000C 00040	20	UAB50H 4PT4S0000C 00040	16		
50A	UAB50H 2PT4S0000C 00050	30	UAB50H 3PT4S0000C 00050	20	UAB50H 4PT4S0000C 00050	16			

50°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB50S 25kA	15A	UAB50S 2PT5S0000C 00015	30	UAB50S 3PT5S0000C 00015	20	UAB50S 4PT5S0000C 00015	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB50S 2PT5S0000C 00016	30	UAB50S 3PT5S0000C 00016	20	UAB50S 4PT5S0000C 00016	16		
	20A	UAB50S 2PT5S0000C 00020	30	UAB50S 3PT5S0000C 00020	20	UAB50S 4PT5S0000C 00020	16		
	25A	UAB50S 2PT5S0000C 00025	30	UAB50S 3PT5S0000C 00025	20	UAB50S 4PT5S0000C 00025	16		
	30A	UAB50S 2PT5S0000C 00030	30	UAB50S 3PT5S0000C 00030	20	UAB50S 4PT5S0000C 00030	16		
	32A	UAB50S 2PT5S0000C 00032	30	UAB50S 3PT5S0000C 00032	20	UAB50S 4PT5S0000C 00032	16		
	40A	UAB50S 2PT5S0000C 00040	30	UAB50S 3PT5S0000C 00040	20	UAB50S 4PT5S0000C 00040	16		
50A	UAB50S 2PT5S0000C 00050	30	UAB50S 3PT5S0000C 00050	20	UAB50S 4PT5S0000C 00050	16			
UAB50H 30kA	15A	UAB50H 2PT5S0000C 00015	30	UAB50H 3PT5S0000C 00015	20	UAB50H 4PT5S0000C 00015	16		
	16A	UAB50H 2PT5S0000C 00016	30	UAB50H 3PT5S0000C 00016	20	UAB50H 4PT5S0000C 00016	16		
	20A	UAB50H 2PT5S0000C 00020	30	UAB50H 3PT5S0000C 00020	20	UAB50H 4PT5S0000C 00020	16		
	25A	UAB50H 2PT5S0000C 00025	30	UAB50H 3PT5S0000C 00025	20	UAB50H 4PT5S0000C 00025	16		
	30A	UAB50H 2PT5S0000C 00030	30	UAB50H 3PT5S0000C 00030	20	UAB50H 4PT5S0000C 00030	16		
	32A	UAB50H 2PT5S0000C 00032	30	UAB50H 3PT5S0000C 00032	20	UAB50H 4PT5S0000C 00032	16		
	40A	UAB50H 2PT5S0000C 00040	30	UAB50H 3PT5S0000C 00040	20	UAB50H 4PT5S0000C 00040	16		
50A	UAB50H 2PT5S0000C 00050	30	UAB50H 3PT5S0000C 00050	20	UAB50H 4PT5S0000C 00050	16			

- Adjustable thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

Model / Breaking capacity at AC380/415V	Rated current	3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)		
UAB50S 25kA	15A	UAB50S 3PT4S0000C 00015F	20	UAB50S 4PT4S0000C 00015F	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB50S 3PT4S0000C 00016F	20	UAB50S 4PT4S0000C 00016F	16		
	20A	UAB50S 3PT4S0000C 00020F	20	UAB50S 4PT4S0000C 00020F	16		
	25A	UAB50S 3PT4S0000C 00025F	20	UAB50S 4PT4S0000C 00025F	16		
	30A	UAB50S 3PT4S0000C 00030F	20	UAB50S 4PT4S0000C 00030F	16		
	32A	UAB50S 3PT4S0000C 00032F	20	UAB50S 4PT4S0000C 00032F	16		
	40A	UAB50S 3PT4S0000C 00040F	20	UAB50S 4PT4S0000C 00040F	16		
	50A	UAB50S 3PT4S0000C 00050F	20	UAB50S 4PT4S0000C 00050F	16		
UAB50H 30kA	15A	UAB50H 3PT4S0000C 00015F	20	UAB50H 4PT4S0000C 00015F	16		
	16A	UAB50H 3PT4S0000C 00016F	20	UAB50H 4PT4S0000C 00016F	16		
	20A	UAB50H 3PT4S0000C 00020F	20	UAB50H 4PT4S0000C 00020F	16		
	25A	UAB50H 3PT4S0000C 00025F	20	UAB50H 4PT4S0000C 00025F	16		
	30A	UAB50H 3PT4S0000C 00030F	20	UAB50H 4PT4S0000C 00030F	16		
	32A	UAB50H 3PT4S0000C 00032F	20	UAB50H 4PT4S0000C 00032F	16		
	40A	UAB50H 3PT4S0000C 00040F	20	UAB50H 4PT4S0000C 00040F	16		
	50A	UAB50H 3PT4S0000C 00050F	20	UAB50H 4PT4S0000C 00050F	16		

50°C




Model / Breaking capacity at AC380/415V	Rated current	3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)		
UAB50S 25kA	15A	UAB50S 3PT5S0000C 00015F	20	UAB50S 4PT5S0000C 00015F	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB50S 3PT5S0000C 00016F	20	UAB50S 4PT5S0000C 00016F	16		
	20A	UAB50S 3PT5S0000C 00020F	20	UAB50S 4PT5S0000C 00020F	16		
	25A	UAB50S 3PT5S0000C 00025F	20	UAB50S 4PT5S0000C 00025F	16		
	30A	UAB50S 3PT5S0000C 00030F	20	UAB50S 4PT5S0000C 00030F	16		
	32A	UAB50S 3PT5S0000C 00032F	20	UAB50S 4PT5S0000C 00032F	16		
	40A	UAB50S 3PT5S0000C 00040F	20	UAB50S 4PT5S0000C 00040F	16		
	50A	UAB50S 3PT5S0000C 00050F	20	UAB50S 4PT5S0000C 00050F	16		
UAB50H 30kA	15A	UAB50H 3PT5S0000C 00015F	20	UAB50H 4PT5S0000C 00015F	16		
	16A	UAB50H 3PT5S0000C 00016F	20	UAB50H 4PT5S0000C 00016F	16		
	20A	UAB50H 3PT5S0000C 00020F	20	UAB50H 4PT5S0000C 00020F	16		
	25A	UAB50H 3PT5S0000C 00025F	20	UAB50H 4PT5S0000C 00025F	16		
	30A	UAB50H 3PT5S0000C 00030F	20	UAB50H 4PT5S0000C 00030F	16		
	32A	UAB50H 3PT5S0000C 00032F	20	UAB50H 4PT5S0000C 00032F	16		
	40A	UAB50H 3PT5S0000C 00040F	20	UAB50H 4PT5S0000C 00040F	16		
	50A	UAB50H 3PT5S0000C 00050F	20	UAB50H 4PT5S0000C 00050F	16		



# Specifications and Standard Order Codes

## | UAB type / 60AF |

- UAB60C 7.5/5kA
- UAB60R 14/10kA

		UAB60C	UAB60R		
					
Number of poles (P)		2, 3, 4			
Degree of protection (with terminal cover)		IP20			
Utilization category		A			
Suitability of isolation		○			
Protection		overload, inst., short-circuit			
Rating	Rated current (A)	5, 10, 15, 20, 30, 40, 50, 60			
	Rated insulation voltage [Ui] [V]	AC690			
	Rated operational voltage [Ue] [V]	AC660			
	Rated impulse withstand voltage [Uimp] [kV]	6			
Rated short-circuit breaking capacity IEC 60947-2 K 60947-2	Ultimate [Icu] (kA r.m.s.)	AC600/660V, 50-60Hz	2.5	5	
		AC480/500V, 50-60Hz	2.5	7.5	
		AC440/460V, 50-60Hz	5	10	
		AC380/415V, 50-60Hz	<b>7.5/5</b>	<b>14/10</b>	
	Service [Ics] % of [Icu]	10	25	50	
Trip mechanism & Protection characteristics	Hydraulic magnetic	Fixed thermal, Fixed instantaneous	○	○	
		INST	○	12 × In	
Mounting	Direct mounting by screw		○		
	Plug-in	for Both line & load side	○		
		for Switchboard Line side only	○		
		for Distribution board	○ <sup>1)</sup>		
Terminal connection	Screw		○ <sup>1)</sup>		
Durability (times)	Mechanical operation		25,000		
	Electrical operation		10,000		
Dimensions (mm)		2/3/4P	a Width	50/75/100	
			b Height	130	
			c Depth	60	
			d	82	
Weight (kg, breaker only)		2/3/4P	0,45/0,65/0,85		

\* - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

1) Available for 3P breaker

## ■ Accessories

- Signal

Auxiliary switch	1C, right-hand-side	2C, right-hand-side				
	AUX 10A R1	AUX 10A R2				
Trip alarm switch	1C, right-hand-side					
	ALT 10A R1					
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10A A	SHT 10A C	SHT 10A F	SHT 10A H		
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	*UVT 10A J	*UVT 10A L	*UVT 10A N	*UVT 10A P	*UVT 10A Q	*UVT 10A R

\* 1) The permissible operating voltage: 85-110% of rated voltage for AC, 75-125% for DC

2) The permissible operating voltage: 85-110% of rated voltage(AC), 85-125% of rated voltage(DC)

The tripping voltage: 20-70% of rated voltage(AC/DC)

Be sure not to use UVT for the electrical interlock system.

\*Reset is possible without power.

### • Operating

Operating handle <sup>1)</sup>	Power supply direction		Upper	Right	Left
	Surface	S type	TFG 10AS U4	TFG 10AS R4	TFG 10AS L4
		L type	TFG 10AL U4	—	TFG 10AL L4
	Extended	S type	TFH 10AS		
L type		TFH 10AL			
Motor operator <sup>2)</sup>		DC24V	AC/DC110V	AC/DC220V	
		MOT 10A DC24	MOT 10A ADC110	MOT 10A ADC220	
Mechanical interlock		2 pole	3 pole	4 pole	
		—	MIF 10A 3	MIF 10A 4	
Padlock plate <sup>3)</sup>		PLD 10UA			

※ 1) Available for 3P, 4P breaker. For detail type information, please refer to page 195-202. 2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### • Mounting

Plug-in <sup>1)</sup>	Structure		For both line & load side	For line side only
	Mounting base		TDM 10AP	TDM 10AF
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	—
		3C contact	CBM 10AB 3	—
Conn. block barrier		CBM BARR	—	

※ 1) Available for 3P, 4P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

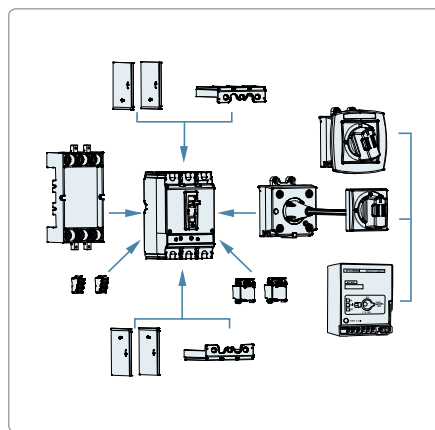
### • Terminal

Cage terminal block	3EA/SET		4EA/SET	
	5-50A	CTB 10A 3S50	CTB 10A 4S50	
60A	CTB 10A 3S100	CTB 10A 4S100		
Terminal cover <sup>1)</sup>	2 pole		3 pole	4 pole
	TCF 10AP 2		TCF 10AP 3	TCF 10AP 4
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE		

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA, 4 pole 6EA



## ■ Standard order code and unit

### • Fixed thermal & fixed instantaneous / Hydraulic magnetic trip

40/45°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit [EA]	Code	Unit [EA]	Code	Unit [EA]		
UAB60C 7.5/5kA	5A	UAB60C 2PT4S0000C 00005	30	UAB60C 3PT4S0000C 00005	20	UAB60C 4PT4S0000C 00005	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M1
	10A	UAB60C 2PT4S0000C 00010	30	UAB60C 3PT4S0000C 00010	20	UAB60C 4PT4S0000C 00010	16		
	15A	UAB60C 2PT4S0000C 00015	30	UAB60C 3PT4S0000C 00015	20	UAB60C 4PT4S0000C 00015	16		
	20A	UAB60C 2PT4S0000C 00020	30	UAB60C 3PT4S0000C 00020	20	UAB60C 4PT4S0000C 00020	16		
	30A	UAB60C 2PT4S0000C 00030	30	UAB60C 3PT4S0000C 00030	20	UAB60C 4PT4S0000C 00030	16		
	40A	UAB60C 2PT4S0000C 00040	30	UAB60C 3PT4S0000C 00040	20	UAB60C 4PT4S0000C 00040	16		
	50A	UAB60C 2PT4S0000C 00050	30	UAB60C 3PT4S0000C 00050	20	UAB60C 4PT4S0000C 00050	16		
60A	UAB60C 2PT4S0000C 00060	30	UAB60C 3PT4S0000C 00060	20	UAB60C 4PT4S0000C 00060	16			
UAB60R 14/10kA	5A	UAB60R 2PT4S0000C 00005	30	UAB60R 3PT4S0000C 00005	20	UAB60R 4PT4S0000C 00005	16		
	10A	UAB60R 2PT4S0000C 00010	30	UAB60R 3PT4S0000C 00010	20	UAB60R 4PT4S0000C 00010	16		
	15A	UAB60R 2PT4S0000C 00015	30	UAB60R 3PT4S0000C 00015	20	UAB60R 4PT4S0000C 00015	16		
	20A	UAB60R 2PT4S0000C 00020	30	UAB60R 3PT4S0000C 00020	20	UAB60R 4PT4S0000C 00020	16		
	30A	UAB60R 2PT4S0000C 00030	30	UAB60R 3PT4S0000C 00030	20	UAB60R 4PT4S0000C 00030	16		
	40A	UAB60R 2PT4S0000C 00040	30	UAB60R 3PT4S0000C 00040	20	UAB60R 4PT4S0000C 00040	16		
	50A	UAB60R 2PT4S0000C 00050	30	UAB60R 3PT4S0000C 00050	20	UAB60R 4PT4S0000C 00050	16		
60A	UAB60R 2PT4S0000C 00060	30	UAB60R 3PT4S0000C 00060	20	UAB60R 4PT4S0000C 00060	16			


# Specifications and Standard Order Codes

## | UAB type / 100AF |

• UAB100C 14/10kA

UAB100C



Number of poles (P)		2, 3, 4		
Degree of protection (with terminal cover)		IP20		
Utilization category		A		
Suitability of isolation		○		
Protection		overload, inst., short-circuit		
Rating	Rated current [A]	5, 10, 15, 20, 30, 40, 50, 60, 75, 100		
	Rated insulation voltage [Ui] [V]	AC690		
	Rated operational voltage [Ue] [V]	AC660		
	Rated impulse withstand voltage [Uimp] [kV]	6		
Rated short-circuit breaking capacity	Ultimate [Icu] [kA r.m.s.]	AC600/660V, 50-60Hz	5	
		AC480/500V, 50-60Hz	7.5	
		AC440/460V, 50-60Hz	10	
		AC380/415V, 50-60Hz	<b>14/10</b>	
IEC 60947-2 K 60947-2	Service [Ics]	AC220/240V, 50-60Hz	25	
		% of [Icu]	50	
Trip mechanism & Protection characteristics	Hydraulic magnetic	Fixed thermal, Fixed instantaneous	○	
		INST	12×In	
Mounting	Direct mounting by screw		○	
	Plug-in	for Both line & load side	○	
		Switchboard Line side only	○ <sup>1)</sup>	
		for Distribution board	○ <sup>1)</sup>	
Terminal connection	Screw		○	
Durability (times)	Mechanical operation		25,000	
	Electrical operation		10,000	
Dimensions (mm)		2/3/4P	a Width	50/75/100
			b Height	130
			c Depth	60
			d	82
Weight (kg, breaker only)	2/3/4P		0.45/0.65/0.85	

\* - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

<sup>1)</sup> Available for 3P breaker

## ■ Accessories

• Signal

Auxiliary switch	1C, right-hand-side	2C, right-hand-side				
	AUX 10A R1	AUX 10A R2				
Trip alarm switch	1C, right-hand-side					
	ALT 10A R1					
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10A A	SHT 10A C	SHT 10A F		SHT 10A H	
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	*UVT 10A J	*UVT 10A L	*UVT 10A N	*UVT 10A P	*UVT 10A Q	*UVT 10A R

\* 1) The permissible operating voltage: 85-110% of rated voltage for AC, 75-125% for DC

\* 2) The permissible operating voltage: 85-110% of rated voltage[AC], 85-125% of rated voltage[DC]

The tripping voltage: 20-70% of rated voltage[AC/DC]

Be sure not to use UVT for the electrical interlock system.

\*Reset is possible without power.

### • Operating

Operating handle <sup>1)</sup>	Power supply direction		Upper	Right	Left
	Surface	S type	TFG 10AS U4	TFG 10AS R4	TFG 10AS L4
		L type	TFG 10AL U4	–	TFG 10AL L4
	Extended	S type	TFH 10AS		
L type		TFH 10AL			
Motor operator <sup>2)</sup>		DC24V	AC/DC110V	AC/DC220V	
		MOT 10A DC24	MOT 10A ADC110	MOT 10A ADC220	
Mechanical interlock		2 pole	3 pole	4 pole	
		–	MIF 10A 3	MIF 10A 4	
Padlock plate <sup>3)</sup>		PLD 10UA			

※ 1) Available for 3P, 4P breaker. For detail type information, please refer to page 195-202. 2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### • Mounting

Plug-in <sup>1)</sup>	Structure	For both line & load side	For line side only	
	Mounting base	TDM 10AP	TDM 10AF	
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	–
		3C contact	CBM 10AB 3	–
Conn. block barrier	CBM BARR	–		

※ 1) Available for 3P, 4P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

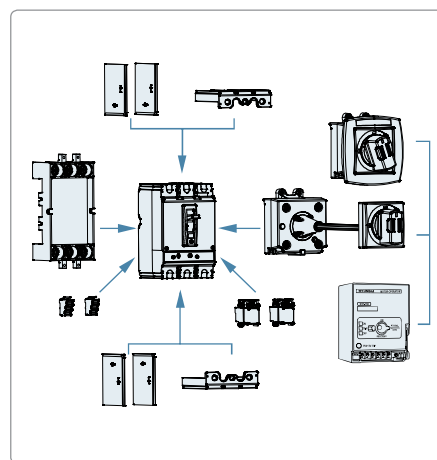
### • Terminal

Cage terminal block	5-50A	3EA/SET	4EA/SET	
	60-100A	CTB 10A 3S50	CTB 10A 4S50	
Terminal cover <sup>1)</sup>		2 pole	3 pole	4 pole
		TCF 10AP 2	TCF 10AP 3	TCF 10AP 4
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE		

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA, 4 pole 6EA



## ■ Standard order code and unit

### • Fixed thermal & fixed instantaneous / Hydraulic magnetic trip

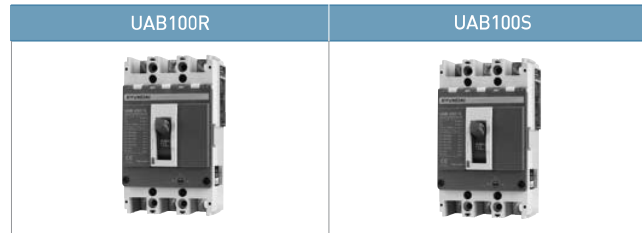
40/45°C


Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB100C 14/10kA	5A	UAB100C 2PT4S0000C 00005	30	UAB100C 3PT4S0000C 00005	20	UAB100C 4PT4S0000C 00005	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M1
	10A	UAB100C 2PT4S0000C 00010	30	UAB100C 3PT4S0000C 00010	20	UAB100C 4PT4S0000C 00010	16		
	15A	UAB100C 2PT4S0000C 00015	30	UAB100C 3PT4S0000C 00015	20	UAB100C 4PT4S0000C 00015	16		
	20A	UAB100C 2PT4S0000C 00020	30	UAB100C 3PT4S0000C 00020	20	UAB100C 4PT4S0000C 00020	16		
	30A	UAB100C 2PT4S0000C 00030	30	UAB100C 3PT4S0000C 00030	20	UAB100C 4PT4S0000C 00030	16		
	40A	UAB100C 2PT4S0000C 00040	30	UAB100C 3PT4S0000C 00040	20	UAB100C 4PT4S0000C 00040	16		
	50A	UAB100C 2PT4S0000C 00050	30	UAB100C 3PT4S0000C 00050	20	UAB100C 4PT4S0000C 00050	16		
	60A	UAB100C 2PT4S0000C 00060	30	UAB100C 3PT4S0000C 00060	20	UAB100C 4PT4S0000C 00060	16		
	75A	UAB100C 2PT4S0000C 00075	30	UAB100C 3PT4S0000C 00075	20	UAB100C 4PT4S0000C 00075	16		
100A	UAB100C 2PT4S0000C 00100	30	UAB100C 3PT4S0000C 00100	20	UAB100C 4PT4S0000C 00100	16			

# Specifications and Standard Order Codes

## | UAB type / 100AF |

- UAB100R 25kA
- UAB100S 30kA



Number of poles (P)		2, 3, 4		
Degree of protection (with terminal cover)		IP20		
Utilization category		A		
Suitability of isolation		○		
Protection		overload, inst., short-circuit		
Rating	Rated current (A)	15, 16, 20, 25, 30, 32, 40, 50, 60, 63, 75, 80, 100		
	Rated insulation voltage [Ui] (V)	AC690		
	Rated operational voltage [Ue] (V)	AC660 DC250		
	Rated impulse withstand voltage [Uimp] (kV)	6		
Rated short-circuit breaking capacity	Ultimate [Icu] (kA r.m.s.)	AC600/660V, 50-60Hz	7.5	10
		AC480/500V, 50-60Hz	7.5	14
		AC440/460V, 50-60Hz	21	25
		AC380/415V, 50-60Hz	<b>25</b>	<b>30</b>
		AC220/240V, 50-60Hz	42	50
	IEC 60947-2 K 60947-2	DC250V	10	14
		DC125V	15	20
Service [Ics]	% of [Icu]	25		
Trip mechanism & Protection characteristics	Thermal magnetic	Fixed thermal, Fixed instantaneous	INST	○
			LTD	15-32A: 20×In, 40-100A: 10×In [0.8-0.9-1]×In <sup>2</sup>
		Adjustable thermal, Fixed instantaneous	LTD	
			INST	15-32A: 20×In, 40-100A: 10×In
Mounting	Direct mounting by screw		○	
	Plug-in	for Switchboard	Both line & load side	○
			Line side only	○ <sup>1)</sup>
		for Distribution board	○ <sup>1)</sup>	
DIN-rail	with DIN-rail adaptor	○		
Terminal connection	Screw		○	
Durability (times)	Mechanical operation		25,000	
	Electrical operation		10,000	
Dimensions (mm)		2/3/4P	a Width	50/75/100
			b Height	130
			c Depth	60
			d	82
Weight (kg, breaker only)	2/3/4P		0.6/0.78/0.96	

※ - The breaking capacity highlighted with blue and thick type is standard nominal value for each model in this catalogue.

1) Available for 3P breaker 2) Available for 3P, 4P breaker

## ■ Accessories

### • Signal

Auxiliary switch	1C, right-hand-side	1C, left-hand-side				
	AUX 10UA R1	AUX 10UA L1				
Trip alarm switch	1C, right-hand-side	1C, left-hand-side				
	ALT 10UA R1	ALT 10UA L1				
Shunt trip <sup>1)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	SHT 10UA A	—	SHT 10UA F	SHT 10UA H	SHT 10UA B	SHT 10UA D
Under voltage trip <sup>2)</sup>	DC24V	DC100-110V	AC100-120V	AC200-230V	AC380-415V	AC440-480V
	UVT 10UA J	UVT 10UA L	UVT 10UA N	UVT 10UA P	UVT 10UA Q	UVT 10UA R

※ 1) The permissible operating voltage: 85-110% of rated voltage for AC, 75-125% for DC

2) The permissible operating voltage: 85-110% of rated voltage[AC], 85-125% of rated voltage[DC]

The tripping voltage: 20-70% of rated voltage[AC/DC]

Be sure not to use UVT for the electrical interlock system.

### • Operating

Operating handle <sup>1)</sup>	Power supply direction	Upper	Right	Left	
		Surface	S type	TFG 10UAS U4	TFG 10UAS R4
	Extended	L type	TFG 10UAL U4	—	TFG 10UAL L4
		S type	TFH 10UAS		
Motor operator <sup>2)</sup>	L type	TFH 10UAL			
	DC24V	AC/DC110V	AC/DC220V		
Mechanical interlock	MOT 10UA DC24	MOT 10UA ADC110	MOT 10UA ADC220		
	2 pole	3 pole	4 pole		
Padlock plate <sup>3)</sup>	—	MIF 10UA 3	MIF 10UA 4		
	PLD 10UA				

※ 1) Available for 3P, 4P breaker. For detail type information, please refer to page 195-202.

2) Motor operator is not recommended for marine application.

3) Padlock is not supplied.

### • Mounting

DIN-rail adaptor	DRA 10UA			
Plug-in <sup>1)</sup>	Structure	For both line & load side	For line side only	
	Mounting base	TDM 10AP	TDM 10AF	
	Connection block <sup>2)</sup>	2C contact	CBM 10AB 2	—
		3C contact	CBM 10AB 3	—
Conn. block barrier	CBM BARR	—	—	

※ 1) Available for 3P breaker

2) Connection blocks are required for internal accessory installation in both line & load side plug-in type 3P breaker.

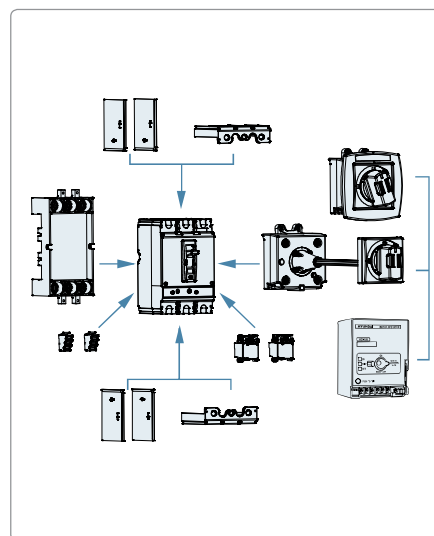
### • Terminal

Cage terminal block		3EA/SET	4EA/SET	
	15-50A	CTB 10A 3S50	CTB 10A 4S50	
	60-100A	CTB 10A 3S100	CTB 10A 4S100	
Terminal cover <sup>1)</sup>		2 pole	3 pole	4 pole
		TCF 10AP 2	TCF 10AP 3	TCF 10AP 4
Interpole barrier <sup>2)</sup>	2EA/SET	TQQ 10A 3PLINE		

※ 1) For both line and load side of breaker, 2EA shall be ordered.

2) Supplied as standard component

Required quantity for both line and load side of breaker: 2 pole 2EA, 3 pole 4EA, 4 pole 6EA



# Specifications and Standard Order Codes

▪ **Standard order code and unit**

- Fixed thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB100R 25kA	15A	UAB100R 2PT4S0000C 00015	30	UAB100R 3PT4S0000C 00015	20	UAB100R 4PT4S0000C 00015	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB100R 2PT4S0000C 00016	30	UAB100R 3PT4S0000C 00016	20	UAB100R 4PT4S0000C 00016	16		
	20A	UAB100R 2PT4S0000C 00020	30	UAB100R 3PT4S0000C 00020	20	UAB100R 4PT4S0000C 00020	16		
	25A	UAB100R 2PT4S0000C 00025	30	UAB100R 3PT4S0000C 00025	20	UAB100R 4PT4S0000C 00025	16		
	30A	UAB100R 2PT4S0000C 00030	30	UAB100R 3PT4S0000C 00030	20	UAB100R 4PT4S0000C 00030	16		
	32A	UAB100R 2PT4S0000C 00032	30	UAB100R 3PT4S0000C 00032	20	UAB100R 4PT4S0000C 00032	16		
	40A	UAB100R 2PT4S0000C 00040	30	UAB100R 3PT4S0000C 00040	20	UAB100R 4PT4S0000C 00040	16		
	50A	UAB100R 2PT4S0000C 00050	30	UAB100R 3PT4S0000C 00050	20	UAB100R 4PT4S0000C 00050	16		
	60A	UAB100R 2PT4S0000C 00060	30	UAB100R 3PT4S0000C 00060	20	UAB100R 4PT4S0000C 00060	16		
	63A	UAB100R 2PT4S0000C 00063	30	UAB100R 3PT4S0000C 00063	20	UAB100R 4PT4S0000C 00063	16		
75A	UAB100R 2PT4S0000C 00075	30	UAB100R 3PT4S0000C 00075	20	UAB100R 4PT4S0000C 00075	16			
80A	UAB100R 2PT4S0000C 00080	30	UAB100R 3PT4S0000C 00080	20	UAB100R 4PT4S0000C 00080	16			
100A	UAB100R 2PT4S0000C 00100	30	UAB100R 3PT4S0000C 00100	20	UAB100R 4PT4S0000C 00100	16			
UAB100S 30kA	15A	UAB100S 2PT4S0000C 00015	30	UAB100S 3PT4S0000C 00015	20	UAB100S 4PT4S0000C 00015	16		
	16A	UAB100S 2PT4S0000C 00016	30	UAB100S 3PT4S0000C 00016	20	UAB100S 4PT4S0000C 00016	16		
	20A	UAB100S 2PT4S0000C 00020	30	UAB100S 3PT4S0000C 00020	20	UAB100S 4PT4S0000C 00020	16		
	25A	UAB100S 2PT4S0000C 00025	30	UAB100S 3PT4S0000C 00025	20	UAB100S 4PT4S0000C 00025	16		
	30A	UAB100S 2PT4S0000C 00030	30	UAB100S 3PT4S0000C 00030	20	UAB100S 4PT4S0000C 00030	16		
	32A	UAB100S 2PT4S0000C 00032	30	UAB100S 3PT4S0000C 00032	20	UAB100S 4PT4S0000C 00032	16		
	40A	UAB100S 2PT4S0000C 00040	30	UAB100S 3PT4S0000C 00040	20	UAB100S 4PT4S0000C 00040	16		
	50A	UAB100S 2PT4S0000C 00050	30	UAB100S 3PT4S0000C 00050	20	UAB100S 4PT4S0000C 00050	16		
	60A	UAB100S 2PT4S0000C 00060	30	UAB100S 3PT4S0000C 00060	20	UAB100S 4PT4S0000C 00060	16		
	63A	UAB100S 2PT4S0000C 00063	30	UAB100S 3PT4S0000C 00063	20	UAB100S 4PT4S0000C 00063	16		
75A	UAB100S 2PT4S0000C 00075	30	UAB100S 3PT4S0000C 00075	20	UAB100S 4PT4S0000C 00075	16			
80A	UAB100S 2PT4S0000C 00080	30	UAB100S 3PT4S0000C 00080	20	UAB100S 4PT4S0000C 00080	16			
100A	UAB100S 2PT4S0000C 00100	30	UAB100S 3PT4S0000C 00100	20	UAB100S 4PT4S0000C 00100	16			

50°C

Model / Breaking capacity at AC380/415V	Rated current	2 pole		3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)	Code	Unit (EA)		
UAB100R 25kA	15A	UAB100R 2PT5S0000C 00015	30	UAB100R 3PT5S0000C 00015	20	UAB100R 4PT5S0000C 00015	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB100R 2PT5S0000C 00016	30	UAB100R 3PT5S0000C 00016	20	UAB100R 4PT5S0000C 00016	16		
	20A	UAB100R 2PT5S0000C 00020	30	UAB100R 3PT5S0000C 00020	20	UAB100R 4PT5S0000C 00020	16		
	25A	UAB100R 2PT5S0000C 00025	30	UAB100R 3PT5S0000C 00025	20	UAB100R 4PT5S0000C 00025	16		
	30A	UAB100R 2PT5S0000C 00030	30	UAB100R 3PT5S0000C 00030	20	UAB100R 4PT5S0000C 00030	16		
	32A	UAB100R 2PT5S0000C 00032	30	UAB100R 3PT5S0000C 00032	20	UAB100R 4PT5S0000C 00032	16		
	40A	UAB100R 2PT5S0000C 00040	30	UAB100R 3PT5S0000C 00040	20	UAB100R 4PT5S0000C 00040	16		
	50A	UAB100R 2PT5S0000C 00050	30	UAB100R 3PT5S0000C 00050	20	UAB100R 4PT5S0000C 00050	16		
	60A	UAB100R 2PT5S0000C 00060	30	UAB100R 3PT5S0000C 00060	20	UAB100R 4PT5S0000C 00060	16		
	63A	UAB100R 2PT5S0000C 00063	30	UAB100R 3PT5S0000C 00063	20	UAB100R 4PT5S0000C 00063	16		
75A	UAB100R 2PT5S0000C 00075	30	UAB100R 3PT5S0000C 00075	20	UAB100R 4PT5S0000C 00075	16			
80A	UAB100R 2PT5S0000C 00080	30	UAB100R 3PT5S0000C 00080	20	UAB100R 4PT5S0000C 00080	16			
100A	UAB100R 2PT5S0000C 00100	30	UAB100R 3PT5S0000C 00100	20	UAB100R 4PT5S0000C 00100	16			
UAB100S 30kA	15A	UAB100S 2PT5S0000C 00015	30	UAB100S 3PT5S0000C 00015	20	UAB100S 4PT5S0000C 00015	16		
	16A	UAB100S 2PT5S0000C 00016	30	UAB100S 3PT5S0000C 00016	20	UAB100S 4PT5S0000C 00016	16		
	20A	UAB100S 2PT5S0000C 00020	30	UAB100S 3PT5S0000C 00020	20	UAB100S 4PT5S0000C 00020	16		
	25A	UAB100S 2PT5S0000C 00025	30	UAB100S 3PT5S0000C 00025	20	UAB100S 4PT5S0000C 00025	16		
	30A	UAB100S 2PT5S0000C 00030	30	UAB100S 3PT5S0000C 00030	20	UAB100S 4PT5S0000C 00030	16		
	32A	UAB100S 2PT5S0000C 00032	30	UAB100S 3PT5S0000C 00032	20	UAB100S 4PT5S0000C 00032	16		
	40A	UAB100S 2PT5S0000C 00040	30	UAB100S 3PT5S0000C 00040	20	UAB100S 4PT5S0000C 00040	16		
	50A	UAB100S 2PT5S0000C 00050	30	UAB100S 3PT5S0000C 00050	20	UAB100S 4PT5S0000C 00050	16		
	60A	UAB100S 2PT5S0000C 00060	30	UAB100S 3PT5S0000C 00060	20	UAB100S 4PT5S0000C 00060	16		
	63A	UAB100S 2PT5S0000C 00063	30	UAB100S 3PT5S0000C 00063	20	UAB100S 4PT5S0000C 00063	16		
75A	UAB100S 2PT5S0000C 00075	30	UAB100S 3PT5S0000C 00075	20	UAB100S 4PT5S0000C 00075	16			
80A	UAB100S 2PT5S0000C 00080	30	UAB100S 3PT5S0000C 00080	20	UAB100S 4PT5S0000C 00080	16			
100A	UAB100S 2PT5S0000C 00100	30	UAB100S 3PT5S0000C 00100	20	UAB100S 4PT5S0000C 00100	16			

- Adjustable thermal & fixed instantaneous / Thermal magnetic trip

40/45°C

Model / Breaking capacity at AC380/415V	Rated current	3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)		
UAB100R 25kA	15A	UAB100R 3PT4S0000C 00015F	20	UAB100R 4PT4S0000C 00015F	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB100R 3PT4S0000C 00016F	20	UAB100R 4PT4S0000C 00016F	16		
	20A	UAB100R 3PT4S0000C 00020F	20	UAB100R 4PT4S0000C 00020F	16		
	25A	UAB100R 3PT4S0000C 00025F	20	UAB100R 4PT4S0000C 00025F	16		
	30A	UAB100R 3PT4S0000C 00030F	20	UAB100R 4PT4S0000C 00030F	16		
	32A	UAB100R 3PT4S0000C 00032F	20	UAB100R 4PT4S0000C 00032F	16		
	40A	UAB100R 3PT4S0000C 00040F	20	UAB100R 4PT4S0000C 00040F	16		
	50A	UAB100R 3PT4S0000C 00050F	20	UAB100R 4PT4S0000C 00050F	16		
	60A	UAB100R 3PT4S0000C 00060F	20	UAB100R 4PT4S0000C 00060F	16		
	63A	UAB100R 3PT4S0000C 00063F	20	UAB100R 4PT4S0000C 00063F	16		
	75A	UAB100R 3PT4S0000C 00075F	20	UAB100R 4PT4S0000C 00075F	16		
80A	UAB100R 3PT4S0000C 00080F	20	UAB100R 4PT4S0000C 00080F	16			
100A	UAB100R 3PT4S0000C 00100F	20	UAB100R 4PT4S0000C 00100F	16			
UAB100S 30kA	15A	UAB100S 3PT4S0000C 00015F	20	UAB100S 4PT4S0000C 00015F	16		
	16A	UAB100S 3PT4S0000C 00016F	20	UAB100S 4PT4S0000C 00016F	16		
	20A	UAB100S 3PT4S0000C 00020F	20	UAB100S 4PT4S0000C 00020F	16		
	25A	UAB100S 3PT4S0000C 00025F	20	UAB100S 4PT4S0000C 00025F	16		
	30A	UAB100S 3PT4S0000C 00030F	20	UAB100S 4PT4S0000C 00030F	16		
	32A	UAB100S 3PT4S0000C 00032F	20	UAB100S 4PT4S0000C 00032F	16		
	40A	UAB100S 3PT4S0000C 00040F	20	UAB100S 4PT4S0000C 00040F	16		
	50A	UAB100S 3PT4S0000C 00050F	20	UAB100S 4PT4S0000C 00050F	16		
	60A	UAB100S 3PT4S0000C 00060F	20	UAB100S 4PT4S0000C 00060F	16		
	63A	UAB100S 3PT4S0000C 00063F	20	UAB100S 4PT4S0000C 00063F	16		
	75A	UAB100S 3PT4S0000C 00075F	20	UAB100S 4PT4S0000C 00075F	16		
80A	UAB100S 3PT4S0000C 00080F	20	UAB100S 4PT4S0000C 00080F	16			
100A	UAB100S 3PT4S0000C 00100F	20	UAB100S 4PT4S0000C 00100F	16			

50°C

Model / Breaking capacity at AC380/415V	Rated current	3 pole		4 pole		Specification	Category
		Code	Unit (EA)	Code	Unit (EA)		
UAB100R 25kA	15A	UAB100R 3PT5S0000C 00015F	20	UAB100R 4PT5S0000C 00015F	16	Screw type terminal connection, No option, 50/60Hz	MCCB /M2
	16A	UAB100R 3PT5S0000C 00016F	20	UAB100R 4PT5S0000C 00016F	16		
	20A	UAB100R 3PT5S0000C 00020F	20	UAB100R 4PT5S0000C 00020F	16		
	25A	UAB100R 3PT5S0000C 00025F	20	UAB100R 4PT5S0000C 00025F	16		
	30A	UAB100R 3PT5S0000C 00030F	20	UAB100R 4PT5S0000C 00030F	16		
	32A	UAB100R 3PT5S0000C 00032F	20	UAB100R 4PT5S0000C 00032F	16		
	40A	UAB100R 3PT5S0000C 00040F	20	UAB100R 4PT5S0000C 00040F	16		
	50A	UAB100R 3PT5S0000C 00050F	20	UAB100R 4PT5S0000C 00050F	16		
	60A	UAB100R 3PT5S0000C 00060F	20	UAB100R 4PT5S0000C 00060F	16		
	63A	UAB100R 3PT5S0000C 00063F	20	UAB100R 4PT5S0000C 00063F	16		
	75A	UAB100R 3PT5S0000C 00075F	20	UAB100R 4PT5S0000C 00075F	16		
80A	UAB100R 3PT5S0000C 00080F	20	UAB100R 4PT5S0000C 00080F	16			
100A	UAB100R 3PT5S0000C 00100F	20	UAB100R 4PT5S0000C 00100F	16			
UAB100S 30kA	15A	UAB100S 3PT5S0000C 00015F	20	UAB100S 4PT5S0000C 00015F	16		
	16A	UAB100S 3PT5S0000C 00016F	20	UAB100S 4PT5S0000C 00016F	16		
	20A	UAB100S 3PT5S0000C 00020F	20	UAB100S 4PT5S0000C 00020F	16		
	25A	UAB100S 3PT5S0000C 00025F	20	UAB100S 4PT5S0000C 00025F	16		
	30A	UAB100S 3PT5S0000C 00030F	20	UAB100S 4PT5S0000C 00030F	16		
	32A	UAB100S 3PT5S0000C 00032F	20	UAB100S 4PT5S0000C 00032F	16		
	40A	UAB100S 3PT5S0000C 00040F	20	UAB100S 4PT5S0000C 00040F	16		
	50A	UAB100S 3PT5S0000C 00050F	20	UAB100S 4PT5S0000C 00050F	16		
	60A	UAB100S 3PT5S0000C 00060F	20	UAB100S 4PT5S0000C 00060F	16		
	63A	UAB100S 3PT5S0000C 00063F	20	UAB100S 4PT5S0000C 00063F	16		
	75A	UAB100S 3PT5S0000C 00075F	20	UAB100S 4PT5S0000C 00075F	16		
80A	UAB100S 3PT5S0000C 00080F	20	UAB100S 4PT5S0000C 00080F	16			
100A	UAB100S 3PT5S0000C 00100F	20	UAB100S 4PT5S0000C 00100F	16			