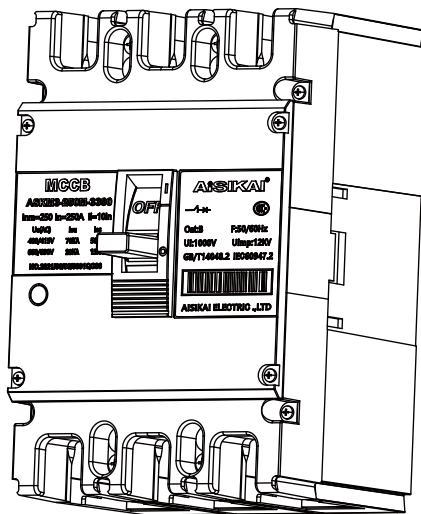


ASKM3

MOLDED CASE CIRCUIT BREAKER USER MANUAL



JIANGSU AISIKAI ELECTRIC CO.,LTD

ASKM3 THERMOMAGNETIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

SELECTION TABLE

Molded case circuit breaker		Frame rating (Inm)		Operation method		Usage		Special function code		Installation wiring method	
Production code		Frame rating (Inm)		Operation method		Usage		Special function code		Installation wiring method	
ASK		125		H		00		I		TH	
M		3		P		2		B		R	
3		125		H		00		I		TH	
125		3		P		2		B		R	
H		3		P		2		B		R	
P		3		P		2		B		R	
3		3		P		2		B		R	
00		2		B		I		TH		R	
2		B		I		TH		R		100A	
B		I		TH		R		100A			
I		TH		R		100A					
TH		R		100A							
R		100A									
100A											

ASKM3 THERMOMAGNETIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER
MAIN TECHNICAL PARAMETERS



Model	ASKM3-63			ASKM3-100C			ASKM3-160				ASKM3-250				
Frame rating current Inm(A)	63			100			160				250				
No. of poles	3P/4P			3P/4P			3P/4P				3P/4P				
Rated current In(A)	10、16、20、25、32、40、50、63			10、16、20、25、32、40、50、63、80、100			10、16、20、25、32、40、50、63、80、100、125、140、160、				100、125、140、160、180、200、225、250				
Rated insulation voltage Ui(V)	1000V			1000V			1000V				1000V				
Rated impulse withstand voltage Uimp(V)	8000V			8000V			12000V				12000V				
Rated operational voltage Ue(V)	AC400V/415V AC660V/690V														
Arc distance(mm)	≥50 (0 ²⁾)			≥50 (0 ²⁾)			≥50 (0 ²⁾)				≥50 (0 ²⁾)				
Breaking capacity level	L	M	C		C	L	M	H	C	L	M	H			
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	36	55	40	40	50	70	85	40	50	70	100			
	AC660V/690V	10	12	12	12	12	20	20	12	12	20	20			
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	36	55	40	40	50	70	85	40	50	70	100			
	AC660V/690V	10	12	12	12	12	20	20	12	12	20	20			
Use category	A			A			A				A				
Electrical service life(times)	AC400V/415V	8000		8000		8000				8000					
Mechanical service life(times)	AC660V/690V	1500		1500		1500				1500					
	without maintenance	20000		20000		20000				20000					
	with maintenance	40000		40000		40000				40000					
Outline dimensions (mm)	W(3P/4P)	75/100		75/100		92/122				92/122					
	L	130		130		40				40					
	H (not including handle)	36		40		40				40					

Note:

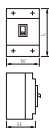
- 1)According to GB/T14048.1, the term of “service life” indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.
- 2)Choose the height of 4mm zero arc cover for (ASKM3-63L/M, ASKM3-100C), 6.2mm for (ASKM3-160C/L/M/H), 8mm for (ASKM3-250C), 7.5mm for (ASKM3-250L/M/H), 9.3mm for (ASKM3-400C/L/M/H), ASKM3-630C/L/M/H), 9.5mm for(ASKM3-800L/M/H), realizing zero arc.

ASKM3 THERMOMAGNETIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3-400				ASKM3-630				ASKM3-800		
Frame rating current Inm(A)		400				630				800		
No. of poles		3P/4P				3P/4P				3P/4P		
Rated current In(A)		225、250、315、350				400、500、630				400、500、630、700、800		
Rated insulation voltage Ui(V)		1000V				1000V				1000V		
Rated impulse withstand voltage Uimp(V)		12000V				12000V				12000V		
Rated operational voltage Ue(V)		AC400V/415V AC660V/690V										
Arc distance(mm)		≥ 100 (0) ²⁾				≥ 100 (0) ²⁾				≥ 100 (0) ²⁾		
Breaking capacity level		C	L	M	H	C	L	M	H	L	M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	40	65	70	100	40	70	75	100	50	70	85
	AC660V/690V	15	15	20	20	20	12	30	30	12	20	20
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	40	65	70	100	40	50	75	100	50	70	85
	AC660V/690V	15	15	20	20	20	12	30	30	12	20	20
Use category		A				A				A		
Electrical service life(times)	AC400V/415V	7500				7500				7500		
	AC660V/690V	1000				1000				500		
Mechanical service life(times)	without maintenance	10000				10000				10000		
	with maintenance	40000				20000				20000		
Outline dimensions (mm)	W(3P/4P)	150/198				182/240				210/280		
	L	257				270				280		
	H (not including handle)	105.5				110				114.5		



Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 4mm zero arc cover for (ASKM3-63L/M, ASKM3-100C), 6.2mm for (ASKM3-160C/L/M/H), 8mm for (ASKM3-250C), 7.5mm for (ASKM3-250L/M/H), 9.3mm for (ASKM3-400C/L/M/H), ASKM3-630C/L/M/H), 9.5mm for(ASKM3-800L/M/H), realizing zero arc.

ASKM3 INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

SELECTION TABLE

Molded case circuit breaker		125		250		400		800		3: 3 poles		4: 4 poles		No. of poles		A		B: default		C		D		TH: humid tropical		No code: normal		Use environment		Rated current		32A~800A														
Production code		E: electronic type		T: with communication function		00: no accessory		Refer to catalog		for details		Internal accessories		Special code of N pole type																																
Function Derivation Code		Communication code																																												
ASK	M	1	E	125	H	T	P	4	3	00	2	B	G	TH	R	125A																														
Design serial		Rated ultimate short-circuit breaking capacity		Tripper code		Grounding function		Usage		Installation wiring method																																				
M: medium-high		H: high		3: electronic tripper		G: with grounding function		2: motor protection		No code: front wiring																																				
Operation method				No code: direct handle operation				No code: power distribution		C: front extended wiring																																				
P: electric operating mechanism										R: rear wiring																																				
Z: rotate handle operation										PF: plug in front wiring																																				
										PR: plug in rear wiring																																				
										D: draw out wiring																																				

Note:

- the special code of N pole type(for 4 poles products only. The default type is B if there is no special instructions when ordering)
- A: N poles does not have over-current tripper. N pole is always closed and does not break/close along with the other three poles.
- B: N poles does not have over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.
- C: N poles has over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.
- D: N poles has over-current tripper. N pole is always closed and does not break/close along with the other three poles.

Design marking	Model description 1: ASKM3E-125H / P / 43002 / TH / R / 63A	Model description 2: ASKM3E-250MT / 3300 / 160A
	<p>1. Electronic molded case circuit breaker, 125A frame, high breaking capacity, electric operating mechanism.</p> <p>2. 4 poles, electronic tripper, no accessory, for motor protection.</p> <p>3. humid tropical type, rear wiring.</p> <p>4. rated current 63A, setting current (0.4-1)In.</p>	<p>1. Electronic molded circuit breaker, 250A frame, medium-high breaking capacity, communication function, direct manual operation(implicit).</p> <p>2. 3poles, electronic tripper, no accessory.</p> <p>3. for power distribution(implicit), normal environment(implicit), front wiring(implicit).</p> <p>4. rated current 160A, setting current (0.4-1)In.</p>

ASKM3 INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3E - 125			ASKM3E - 250	
Frame rating current Inm(A)		125			250	
Rated current In(A)		32	63	125	160	250
Overload long delay setting current Ir(A)		12.5、16、20、32	32、36、40、50、56、60、63	63、65、70、75、80、85、90、95、100、125	63、80、90、100、125、140、160	100、125、140、160、180、200、225、250
Rated operational voltage Ue(V)		AC400V/415V			AC660V/690V	
Rated insulation voltage Ui(V)		1000V				
Rated impulse withstand voltage Uimp(V)		12000V				
Arc distance(mm)		≥ 50 (0) ²⁾			≥ 50 (0) ²⁾	
Breaking capacity level		M	H		M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	50	85		50	85
	AC660V/690V	20	20		20	20
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	35	50		35	50
	AC660V/690V	15	15		15	15
Rated short-time withstand current Icw(kA)/1s		5			5	
Use category		B			B	
Electrical service life(times)		8000			8000	
Mechanical service life(times)	without maintenance	20000			20000	
	with maintenance	40000			40000	
Outline dimensions (mm)	W(3P/4P)	92/122			107/142	
	L	150			165	
	H (not including handle)	91			90	

Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3 INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3E - 400		ASKM3E - 630		ASKM3E - 800	
Frame rating current Inm(A)		400		250		800	
Rated current In(A)		400		160		800	
Overload long delay setting current Ir(A)		200、225、250、280、315、400		400、420、440、460、480、500、530、560、600、630		630、640、660、680、700、720、740、760、780、800、	
Rated operational voltage Ue(V)		AC400V/415V		AC660V/690V			
Rated insulation voltage Ui(V)				1000V			
Rated impulse withstand voltage Uimp(V)				12000V			
Arc distance(mm)		> 100 (0) ²⁾		> 100 (0) ²⁾		> 100 (0) ²⁾	
Breaking capacity level		M	H	M	H	M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	65	100	65	100	65	100
	AC660V/690V	20	20	20	20	20	20
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	50	65	50	75	50	75
	AC660V/690V	15	15	15	15	15	15
Rated short-time withstand current Iow(kA)/1s		8		10		10	
Use category		B		B		B	
Electrical service life(times)		7500		7500		7500	
Mechanical service life(times)	without maintenance	10000		10000		10000	
	with maintenance	20000		20000		20000	
Outline dimensions (mm)		W(3P/4P)		210/280		210/280	
	L	257		280		280	
	H (not including handle)	106.5		115.5		115.5	

Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3E-Y LCD INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER SELECTION TABLE

Molded case circuit breaker		125		250		400		800		3: 3 poles		4: 4 poles		No. of poles		A		B: default		C		TH: humid tropical		No code: normal		Use environment		Rated current		32A ~ 800A	
Production code		E: electronic type		Function Derivation Code		LCD code		00: no accessory		Refer to catalog		for details		Internal accessories		Special code of N pole type															
ASK	M	3	E	125	Y	H	P	4	3	00	2	B	G	TH	R	125A															
Design serial		Rated ultimate short-circuit breaking capacity		M: medium-high		H: high		Tripper code		3: electronic tripper		Grounding function																			
Operation method		No code: direct handle operation		P: electric operating mechanism		Z: rotate handle operation		Usage		2: motor protection		No code: power distribution		Installation wiring method		No code: front wiring		C: front extended wiring		R: rear wiring		PF: plug in front wiring		PR: plug in rear wiring		D: draw out wiring					
Company		AISIKAI ELECTRIC																													

Note:


the special code of N pole type(for 4 poles products only). The default type is B if there is no special instructions when ordering)

A: N poles does not have over-current tripper. N pole is always closed and does not break/close along with the other three poles.

B: N poles does not have over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.

C: N poles has over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.

D: N poles has over-current tripper. N pole is always closed and does not break/close along with the other three poles.

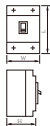
<p>Design marking</p>  <p>ASKM3E-Y</p>	<p>Model description 1:</p> <p>ASKM3E-125YH / P / 43002 / TH / R / 63A</p> <p>1.LCD electronic molded case circuit breaker, 125A frame, high breaking capacity, electric operating mechanism.</p> <p>2.4 poles, electronic tripper, no accessory, for motor protection.</p> <p>3.humid tropical type, rear wiring.</p> <p>4.rated current 63A, setting current (0.4-1)In.</p>	<p>Model description 2:</p> <p>ASKM3E-250YM / 3300 / 160A</p> <p>1.LCD electronic protection molded circuit breaker, 250A frame, medium-high breaking capacity, manual operation(implicit).</p> <p>2. 3 poles, electronic tripper, no accessory.</p> <p>3. for power distribution(implicit), normal environment (implicit), front wiring(implicit).</p> <p>4.rated current 160A, setting current (0.4-1)In.</p>
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ASKM3E-Y LCD INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model	ASKM3E - 125Y			ASKM3E - 250Y	
Frame rating current Inm(A)	125			250	
Rated current In(A)	32	63	125	160	250
Overload long delay setting current Ir(A)	12.5、16、20、25、32	32、36、40、45、50、56、60、63	63、65、70、75、80、85、90、95、100、125	63、80、90、100、125、140、160	100、125、140、160、180、200、225、250
Rated operational voltage Ue(V)	AC400V/415V			AC660V/690V	
Rated insulation voltage Ui(V)	1000V				
Rated impulse withstand voltage Uimp(V)	12000V				
Arc distance(mm)	≥ 50 (0) ²⁾			≥ 50 (0) ²⁾	
Breaking capacity level	M	H		M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	50	85	50	85
	AC660V/690V	20	20	20	20
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	35	50	35	50
	AC660V/690V	15	15	15	15
Rated short-time withstand current Icw(kA)/1s	5			5	
Use category	B			B	
Electrical service life(times)		8000		8000	
Mechanical service life(times)	without maintenance	20000		20000	
	with maintenance	40000		40000	
Outline dimensions (mm)	W(3P/4P)	107/142		107/142	
	L	165		165	
	H (not including handle)	105		105	



Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3E-Y LCD INTELLIGENT ELECTRONIC NORMAL PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



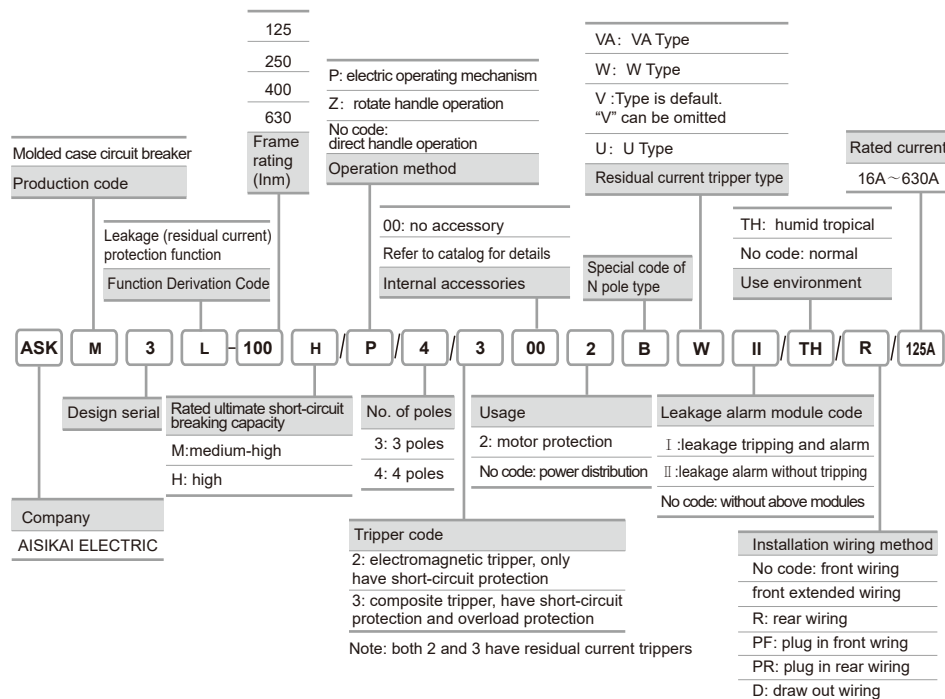
Model		ASKM3E - 400Y		ASKM3E - 630Y		ASKM3E - 800Y	
Frame rating current Inm(A)		400		250		800	
Rated current In(A)		400		160		1800	
Overload long delay setting current Ir(A)		200、225、250、280、315、400		400、420、440、460、480、500、530、560、600、630		630、640、660、680、700、720、740、760、780、800、	
Rated operational voltage Ue(V)		AC400V/415V		AC660V/690V			
Rated insulation voltage Ui(V)				1000V			
Rated impulse withstand voltage Uimp(V)				12000V			
Arc distance(mm)		> 100 (0) ²⁾		> 100 (0) ²⁾		> 100 (0) ²⁾	
Breaking capacity level		M	H	M	H	M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC400V/415V	65	100	65	100	65	100
	AC660V/690V	20	20	20	20	20	20
Service short-circuit breaking capacity Ics(kA)	AC400V/415V	50	65	50	75	50	75
	AC660V/690V	15	15	15	15	15	15
Rated short-time withstand current Icw(kA)/1s		8		10		10	
Use category		B		B		B	
Electrical service life(times)		7500		7500		7500	
Mechanical service life(times)	without maintenance	10000		10000		10000	
	with maintenance	20000		20000		20000	
Outline dimensions (mm)		W(3P/4P)		210/280		210/280	
	L	257		280		280	
	H (not including handle)	110		115.5		115.5	

Note:


1)According to GB/T14048.1, the term of “service life” indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

SELECTION TABLE



Note:
the special code of N pole type(for 4 poles products only. The default type is B if there is no special instructions when ordering)
A: N poles does not have over-current tripper. N pole is always closed and does not break/close along with the other three poles.
B: N poles does not have over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.
C: N poles has over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.
D: N poles has over-current tripper. N pole is always closed and does not break/close along with the other three poles.

<p>Design marking</p>  <p>ASKM3L</p>	<p>Model description 1: ASKM3L-125HP / 4300 / 2BWITH / R, In=125A</p> <ol style="list-style-type: none"> 1. leakage protection molded case circuit breaker, 125A frame, high breaking capacity, electric operation. 2. 4 poles, composite tripper, no accessory. 3. for motor protection. N poles does not have over-current tripper. W type residual current tripper, leakage alarm without tripping(leakage alarm and tripping is optional), humid tropical type. 4. rear wiring, rated current 125A. 	<p>Model description 2: ASKM3L-250M / 3300 / A , In=250A</p> <ol style="list-style-type: none"> 1.leakage protection molded circuit breaker, 250A frame, medium-high breaking capacity, direct manual operation(implicit) 2.3 poles, composite tripper, no accessory 3.For power distribution. N poles does not have over-current tripper. N pole is always closed and does not break/close along with the other three poles. <p>V type residual current tripper, no leakage alarm module, normal environment(implicit)</p> <p>4.front wiring(implicit), rated current 250A</p>
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ASKM3L THERMOMAGNETIC LEAKAGE PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3L - 125	ASKM3L - 250	
No. of poles		3P/4P	3P/4P	
Frame rating current Inm(A)		125	250	
Rated current In(A)		16、20、25、32、40、50、63、80、100、125	100、125、140、160、180、200、225、250	
Rated insulation voltage Ui(V)		AC400V	AC400V	
Rated impulse withstand voltage Uimp(V)		AC800V		
Rated operational voltage Ue(V)		8000	8000	
Arc distance(mm)		≥50 (0) ²⁾	≥50 (0) ²⁾	
Breaking capacity level		M	M	
Ultimate short-circuit breaking capacity Icu(kA)		AC400V 50	50	
Service short-circuit breaking capacity Ics(kA)		AC400V 35	35	
Rated residual action current	AC type residual current protection	Utype residual current protection	0.03 / 0.1 / 0.3 / 0.5	0.03 / 0.1 / 0.3 / 0.5
		V type tripper, switchable between non-delay and delay	1.0 / 0.3 / 0.5	1.0 / 0.3 / 0.5
	A type residual current protection	W type tripper, switchable between non-delay and delay	0.3 / 1 / 3 / 10	0.3 / 1 / 3 / 10
		VA type tripper, switchable between non-delay and delay	0.1 / 0.3 / 0.5	0.1 / 0.3 / 0.5
Use category		A	A	
Rated residual non-action current		½ IΔn	½ IΔn	
Rated residual short-circuit making(breaking) capacity		¼ Icu	¼ Icu	
Electrical service life(times)		8000	8000	
Mechanical service life(times)	without maintenance	20000	20000	
	with maintenance	40000	40000	
Outline dimensions	W(3P/4P)	92/122	107/142	
	L	150	165	
	H(not including handle)	92	90	

Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3L THERMOMAGNETIC LEAKAGE PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



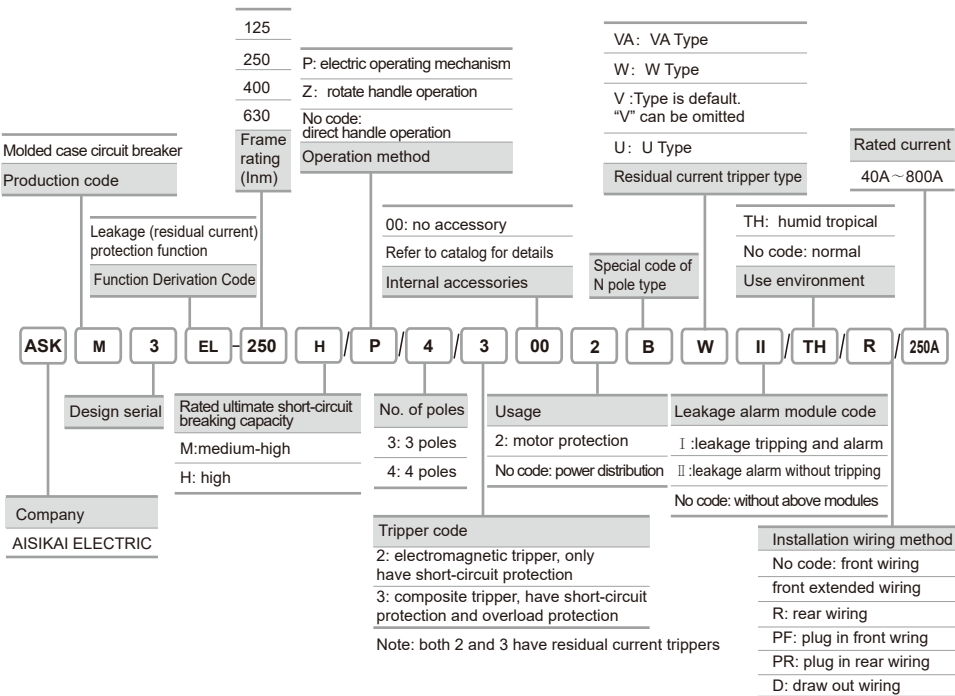
Model		ASKM3L - 400	ASKM3L - 630
No. of poles		3P/4P	3P/4P
Frame rating current Inm(A)		400	630
Rated current In(A)		225、250、315、350、400	400、500、630
Rated insulation voltage Ui(V)		AC400V	AC400V
Rated impulse withstand voltage Uimp(V)			
Rated operational voltage Ue(V)		8000	8000
Arc distance(mm)		≥100 (0) ²⁾	≥100 (0) ²⁾
Breaking capacity level		M	M
Ultimate short-circuit breaking capacity Icu(kA)	AC400V	65	65
Service short-circuit breaking capacity Ics(kA)	AC400V	50	50
Rated residual action current	AC type residual current protection	Utype residual current protection	---
		V type tripper, switchable between non-delay and delay	0.1 / 0.3 / 0.5
	A type residual current protection	W type tripper, switchable between non-delay and delay	1 / 3 / 10 / 30
		VA type tripper, switchable between non-delay and delay	0.1 / 0.3 / 0.5
Use category		A	A
Rated residual non-action current		½ I△n	½ I△n
Rated residual short-circuit making(breaking) capacity		¼ Icu	¼ Icu
Electrical service life(times)		7500	7500
Mechanical service life(times)	without maintenance	10000	10000
	with maintenance	20000	20000
Outline dimensions	W(3P/4P)	150/198	210/280
	L	257	280
	H(not including handle)	107	114.5

Note:

1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.

2)Choose the height of 6.2mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3EL LCD INTELLIGENT ELECTRONIC LEAKAGE PROTECTION MOLDED CASE CIRCUIT BREAKER



Note:


The special code of N pole type (for 4 poles products only). The default type is B if there is no special instructions when ordering)

A: N poles does not have over-current tripper. N pole is always closed and does not break/close along with the other three poles.

B: N poles does not have over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.

C: N poles has over-current tripper. N pole breaks/closes along with the other three poles. N pole is equipped with "first close, then split" function as standard.

D: N poles has over-current tripper. N pole is always closed and does not break/close along with the other three poles.

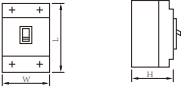
<p>Design marking</p>	<p>Model description 1: ASKM3EL-125HP / 43002AWII / TH / R, In=125A</p>	<p>Model description 2: ASKM3EL-250M / 4300 / A , In=250A</p>
 <p>ASKM3EL</p>	<ol style="list-style-type: none"> 1.LCD electronic leakage protection molded case circuit breaker, 125A frame, high breaking capacity, electric operating mechanism. 2.4 poles, electronic tripper, no accessory. 3.for motor protection. N poles does not have over-current tripper(A type). W type residual current tripper, leakage alarm without tripping(leakage alarm and tripping is optional),humid tropical type. 4.Rear wiring. Rated current 125A, setting current (0.4-1)In. 	<ol style="list-style-type: none"> 1.LCD electronic leakage protection molded circuit breaker, 250A frame, medium-high breaking capacity, manual operation(implicit) 2.4 poles, electronic tripper, no accessory. for power distribution (implicit), N poles does not have over-current tripper,N pole breaks/closes along with the other three poles(B type, implicit). 3.V type residual current tripper(implicit), without leakage alarm module, normal environment(implicit). 4.rated current 250A,front wiring (implicit).

ASKM3EL LCD INTELLIGENT ELECTRONIC LEAKAGE PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3EL - 125		ASKM3EL - 250	
No. of poles		3P/4P		3P/4P	
Frame rating current Inm(A)		125		250	
Rated current In(A)		40-125		100-250	
Rated operational voltage Ue(V)		AC380V / AC400 / AC415		AC380V / AC400 / AC415	
Rated insulation voltage Ui(V)		AC1000V		AC1000V	
Rated impulse withstand voltage Uimp(V)		12		12	
Arc distance(mm)		≥ 50 (0) ²⁾		≥ 50 (0) ²⁾	
Breaking capacity level		M	H	M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC380V / AC400 / AC415	50	85	50	85
Service short-circuit breaking capacity Ics(kA)	AC380V / AC400 / AC415	35	65	35	65
Rated short-time withstand current Icw(kA)/1s		10		10	
Over-current tripper type/residual current tripper type		Electronic/Electronic AC type		Electronic/Electronic AC type	
Use category		B		B	
Rated residual action current		50/100/150/200/300/500/100		50/100/150/200/300/500/100	
Rated residual non-action current		½ I△n		½ I△n	
Rated residual short-circuit making(breaking) capacity		¼ Icu		¼ Icu	
Electrical service life(times)		8000		8000	
Mechanical service life(times)	without maintenance	20000		20000	
	with maintenance	40000		40000	
Outline dimensions	W(3P/4P)	107/142		107/142	
	L	165		165	
	H(not including handle)	105		105	



Note:

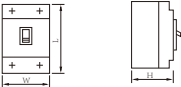
- 1)According to GB/T14048.1, the term of "service life" indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.
- 2)Choose the height of 6mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

ASKM3EL LCD INTELLIGENT ELECTRONIC LEAKAGE PROTECTION MOLDED CASE CIRCUIT BREAKER

MAIN TECHNICAL PARAMETERS



Model		ASKM3EL - 400		ASKM3EL - 800	
No. of poles		3P/4P		3P/4P	
Frame rating current Inm(A)		400		800	
Rated current In(A)		40-125		100-250	
Rated operational voltage Ue(V)		AC380V / AC400 / AC415		AC380V / AC400 / AC415	
Rated insulation voltage Ui(V)		AC1000V		AC1000V	
Rated impulse withstand voltage Uimp(V)		12		12	
Arc distance(mm)		≥50 (0) ²⁾		≥50 (0) ²⁾	
Breaking capacity level		M	H	M	H
Ultimate short-circuit breaking capacity Icu(kA)	AC380V / AC400 / AC415	70	85	70	100
Service short-circuit breaking capacity Ics(kA)	AC380V / AC400 / AC415	505	65	50	65
Rated short-time withstand current Icw(kA)/1s		10		10	
Over-current tripper type/residual current tripper type		Electronic/Electronic AC type		Electronic/Electronic AC type	
Use category		B		B	
Rated residual action current		50/100/150/200/300/500/100		50/100/150/200/300/500/100	
Rated residual non-action current		½ IΔn		½ IΔn	
Rated residual short-circuit making(breaking) capacity		¼ Icu		¼ Icu	
Electrical service life(times)		7500		7500	
Mechanical service life(times)	without maintenance	10000		10000	
	with maintenance	20000		20000	
Outline dimensions	W(3P/4P)	150/198		210/280	
	L	257		400	
	H(not including handle)	110		114.5	



Note:

- 1)According to GB/T14048.1, the term of “service life” indicates the probability that an appliance will complete a number of operating cycles before repairing or replacing a component.
- 2)Choose the height of 6mm zero arc cover for 125 frame, 7.5mm for 250 frame, 9.3mm for 400 frame, 9.5mm for 800frame, realizing zero arc.

DECLARATION

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The company reserves the right to modify the product specifications described in this manual without notice. Please consult the local agent before ordering. You have obtained the latest specifications of this product.



AISIKAI-20220SG-ASKM3-V1.0



Wechat



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