

# GEIS

## Elfa A6 Modular DIN-rail devices

GEIS Electrical Protection

Safer Smarter Greener



## About GEIS

GEIS was established in 2019 following the spin-off of several businesses and assets that ABB had acquired from GE on July 1, 2018, include 3 manufacturing centers, Warehousing & Trading business at FTZ, China Technology Center.

- Components: Full range of circuit breakers up to 40.5kV: Medium voltage vacuum circuit breakers, LV circuit breakers: ACB, MCCB, MCB, RCD, RCBO: Control components.
- Equipment: MV switchgear (Air insulation and Gas Insulation Technology), LV switchgear, switchboard.
- Medium voltage cast coil dry type transformer.
- Medium voltage ATS system (Paralleling Switchgear).

After the separation, all the above product lines were rebranded as AEG for selected markets and GEIS for global markets.



## Quality is Built-in

The Vertical Integrated Manufacturing Center

- Established in 2000, the 1st North Asia facility of GE Industrial Solutions
- Localize US and European products to serve the local market
- Evolving into a Global platform of Cast Coil Dry-Type Transformer, Air Circuit Breaker, IEC and NEMA medium voltage VCB and switchgear for GE Industrial Solutions
- A GE Global Star Facility



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**GEIS deliver complete range of products for the evolving electrification needs:**

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**SecoVac VCB**



**M-PACT Plus ACB**



**Elfa Series MCB/RCBO**



**EV Charger**



**SecoGear MV Switchgear**



**US5.0 Gas Insulated Switchgear**



**WaveCast Transformer**



**MLS LV Switchgear**



## Elfa A6 Modular DIN-rail devices

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### SELECTION GUIDE

#### ■ Standard AC MCBs

A6	M		1		C		16	
<b>Product</b>	<b>Rated breaking capacity</b>		<b>Poles</b>		<b>Tripping characteristic</b>		<b>Rated current</b>	
A6 series MCB	M	6kA	1	1 pole	B	Type B	01	1A
	S	10kA	2	2 poles	C	Type C	...	...
			3	3 poles	D	Type D	16	16A
			4	4 poles			...	...
							63	63A

#### ■ Standard DC MCBs

A6	S		DC		1		C		16	
<b>Product</b>	<b>Rated breaking capacity</b>		<b>Protect type</b>		<b>Poles</b>		<b>Tripping characteristic</b>		<b>Rated current</b>	
A6 series MCB	S	10kA	DC	Direct-current	1	1 pole	B	Type B	01	1A
	L	10kA (250V, 1P)			2	2 poles	C	Type C	...	...
					4	4 poles			16	16A
									...	...
									63	63A

#### ■ Compact MCBs

A6	M		5		C		16	
<b>Product</b>	<b>Rated breaking capacity</b>		<b>Poles</b>		<b>Tripping characteristic</b>		<b>Rated current</b>	
A6 series MCB	M	6kA	5	Compact for 1 modular, 1P+N	C	Type C	06	6A
							...	...
							16	16A
							...	...
							40	40A

#### ■ Accessories

NFAN		H6	
NFAN	Shunt release. AC220V	H6	Auxiliary contact
NFAD	Shunt release, DC24V	S6	Fault signal contact

**Note:** Can not apply to compact MCB(A6M5) and disconnector(A6MT).

## SELECTION GUIDE

### ■ Compact RCBO, 1P+N(N-pole can be disconnected)

A6	M	R	C	16	030								
<b>Product</b>	<b>Rated breaking capacity</b>		<b>Protect type</b>		<b>Tripping characteristic</b>		<b>Rated current</b>		<b>Residual current</b>		<b>Residual protection type</b>		
A6 series MCB	M	6kA	R	Compact, 1P+N, Residual current protection		C	Type C	06	6A	030	30mA	None	AC
					...	... ..			16	16A			H
				...	... ..			40	40A				

### ■ RCBO, Assembled

A6	M	ED	2	C	16	030									
<b>Product</b>	<b>Rated breaking capacity</b>		<b>Protect type</b>		<b>Poles</b>		<b>Tripping characteristic</b>		<b>Rated current</b>		<b>Residual current</b>		<b>Residual protection type</b>		
A6 series MCB	M	6kA	ED	Assembled, Residual current protection		2	2 poles	C	Type C	06	6A	030	30mA	None	AC
	S	10kA		3	3 poles	...	... ..	D	Type D	16	16A			H	A
				4	4 poles	...	... ..			40	40A				

### ■ Disconnecter

A6M	1	T	040			
<b>Product</b>	<b>Poles</b>		<b>Type</b>		<b>Rated current</b>	
A6 series MCB	1	1 pole	T	Disconnecter	040	40A
	2	2 poles			063	63A
	3	3 poles			080	80A
	4	4 poles			100	100A
					125	125A

# Elfa A6 Modular DIN-rail devices

## TECHNICAL FEATURES

### ■ Technical features of MCBs

Item		Products parameter							
Product series		A6M	A6S	A6SDC	A6LDC	A6M5	A6MT		
Standards		IEC 60898-1	IEC 60898-1	IEC 60947-2	IEC 60947-2	IEC 60898-1	IEC 60947-3		
<b>Electrical features</b>									
Tripping characteristic			B,C,D	B,C,D	B,C	B,C	C	-	
Rated current		A	1-63	1-63	1-63	1-63	6-40	40-125	
Poles			1,2,3,4	1,2,3,4	1,2	1,2	1P+N	1,2,3,4	
Rated voltage		AC	V	230/400	230/400	-	-	230	230/400
Rated voltage		DC	V	-	-	1P-125V	1P-250V	-	-
					2P-250V	2P-500V			
Rated frequency		Hz	50/60	50/60	-	-	50/60	50/60	
Insulation voltage		V	500	500	500	500	500	690	
Rated impulse withstand voltage		Uimp	V	6000	6000	6000	6000	4000	6000
Rated short-current breaking capacity		Icn	kA	6	10	10	10	6	-
Rated ultimate breaking capacity		Icu	kA	-	-	10	10	-	-
Rated short-circuit turn on capacity		Icm	A	-	-	-	-	-	3000
Rated short-time withstand current		Icw	A	-	-	-	-	-	2000
<b>Mechanical features</b>									
Utilization category			-	-	-	-	-	AC-22A	
Stand temperature		°C	30	30	30	30	30	30	
Energy limiting class			3	3	3	3	3	-	
for Isolation			■	■	■	■	■	■	
Status display			■	■	■	■	■	■	
Mechanical life		operations	20000	20000	20000	20000	20000	20000	
Electrical life		operations	10000	10000	10000	10000	10000	10000	
<b>Installation</b>									
Ingress protection		Only breaker	IP20	IP20	IP20	IP20	IP20	IP20	
		Installed in distribution box	IP40	IP40	IP40	IP40	IP40	IP40	
Ambient temperature		°C	-35- +70	-35- +70	-35- +70	-35- +70	-35- +70	-20 - +55	
Storage temperature		°C	-40 - +85	-40 - +85	-40 - +85	-40 - +85	-40 - +85	-25 - +70	
Altitude		m	≤2000	≤2000	≤2000	≤2000	≤2000	≤2000	
Terminal size for cables		1-32A	mm <sup>2</sup>	≤25mm <sup>2</sup>	≤35mm <sup>2</sup>	≤35mm <sup>2</sup>	≤35mm <sup>2</sup>	≤16mm <sup>2</sup>	≤25mm <sup>2</sup>
		40-63A	mm <sup>2</sup>	≤35mm <sup>2</sup>	≤35mm <sup>2</sup>	≤35mm <sup>2</sup>	≤35mm <sup>2</sup>	≤16mm <sup>2</sup>	≤25mm <sup>2</sup>
Tightening torque		1-32A	N·m	2.5 Nm	3 N·m	3 N·m	3 N·m	1.5 N·m	-
		40-63A	N·m	3 Nm	3 N·m	3 N·m	3 N·m	1.5 N·m	3.5 N·m
Terminal screw			M5(6-32A)	M6	M5	M5	M4	M6	
			M6(other)						
Accessories		Auxiliary contact		■	■	■	■	-	-
		Alarm contact		■	■	■	■	-	-
		Shunt release		■	■	■	■	-	-
Wiring			Top or bottom	Top or bottom	Positive in and negative out	Top or bottom	Top or bottom	Top or bottom	

# Elfa A6 Modular DIN-rail devices

## TECHNICAL FEATURES

### ■ Technical features of MCBs

Item		Products parameter		
Product series		A6MR	A6MED	A6SED
Standards		IEC 61009-1	IEC 61009-1	IEC 61009-1
<b>Electrical features</b>				
Tripping characteristic		C	C,D	C,D
Rated current	A	6-40	6-63	6-63
Poles		1P+N	2,3,4	2,3,4
Rated voltage	AC	V	230	230/400
Rated frequency		Hz	50/60	50/60
Insulation voltage	Ui	V	500	500
Rated impulse withstand voltage	Uimp	V	4000	6000
Rated short-current breaking capacity	Icn	kA	6	10
Rated short-circuit making capacity	IΔm	kA	3	6
Residual current type		Type A, AC	Type A, AC	Type A, AC
Residual action current value	IΔn	mA	30	30, 100
<b>Mechanical features</b>				
Stand temperature		°C	30	30
Energy limiting class			3	3
for Isolation			■	■
Status display			■	■
Mechanical life	operations		20000	20000
Electrical life	operations		10000	10000
<b>Installation</b>				
Ingress protection	Only breaker		IP20	IP20
	Installed in distribution box		IP40	IP40
Ambient temperature		°C	-25 - +55	-25 - +55
Storage temperature		°C	-25 - +85	-25 - +85
Altitude		m	≤2000	≤2000
Terminal size for cables	1-32A	mm <sup>2</sup>	≤16mm <sup>2</sup>	≤25mm <sup>2</sup>
	40-63A	mm <sup>2</sup>	≤16mm <sup>2</sup>	≤35mm <sup>2</sup>
Tightening torque	1-32A	N·m	1.5 N·m	2.5 N·m
	40-63A	N·m	1.5 N·m	3 N·m
Terminal screw			M4	M5(6-32A)
				M6(other)
Accessories	Auxiliary contact		-	■
	Alarm contact		-	■
	Shunt release		-	■
Wiring	According to the product identification			

**TECHNICAL FEATURES****■ Tripping characteristic****- Alternating Current****Short-current protection, AC, IEC 60898-1**

Tripping type	Tripping current	Tripping time
B	3-10I <sub>n</sub>	≤100ms
C	5-10I <sub>n</sub>	≤100ms
D	10-20I <sub>n</sub>	≤100ms

**Overload protection, AC, IEC 60898-1**

Rated current	Tripping current	Tripping time
≤63A	≤1.13I <sub>n</sub>	within 1 hour, not tripping(Cold state)
	≤1.45I <sub>n</sub>	within 1 hour, tripping(Thermal state)

**- Direct Current****Short-current protection, DC, IEC 60947-2**

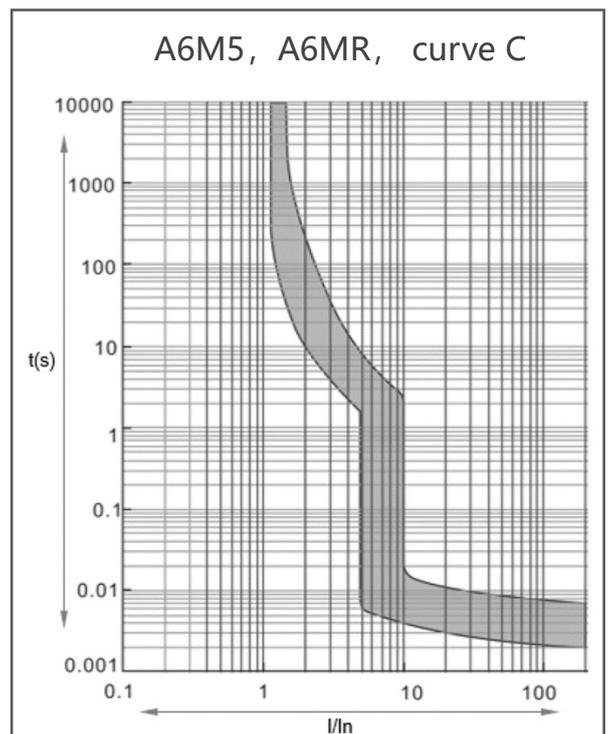
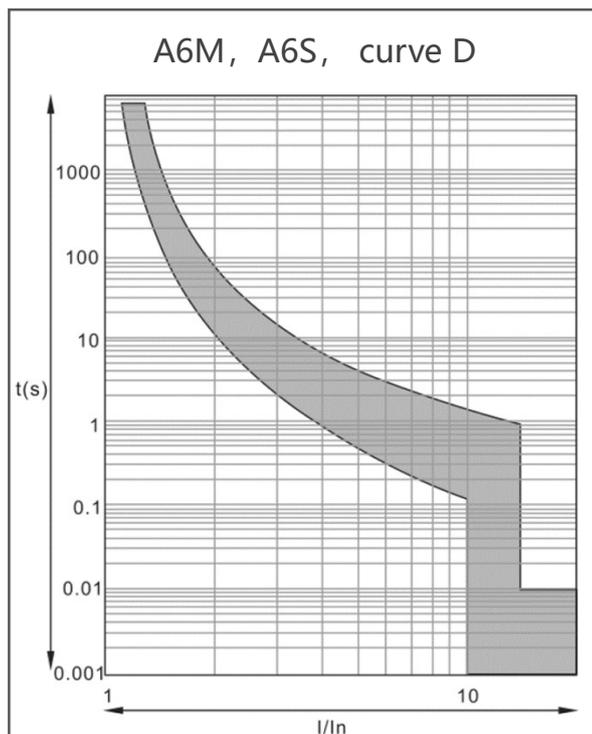
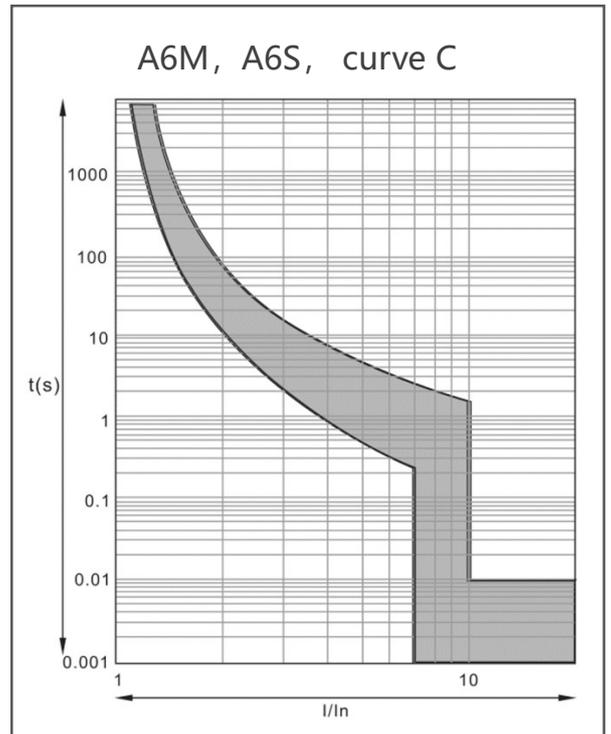
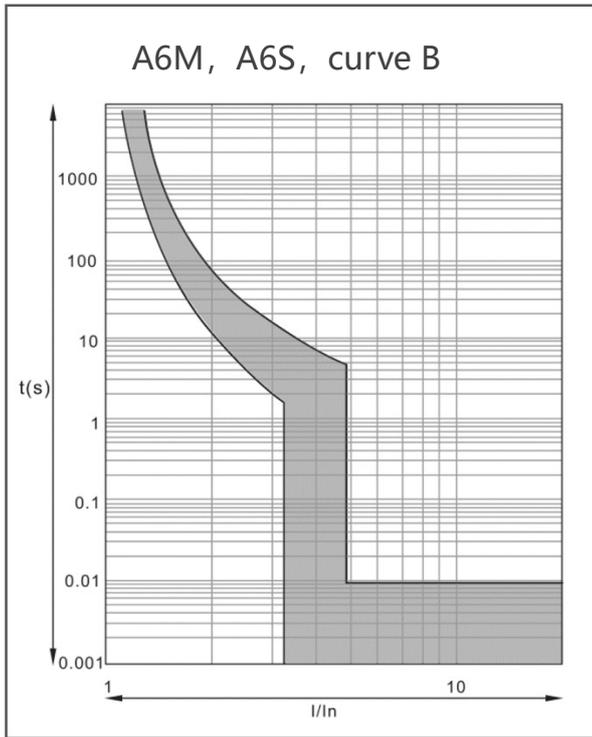
Tripping type	Tripping current	Tripping time
B	5.5I <sub>n</sub> ±20%	≤100ms
C	8.5I <sub>n</sub> ±20%	≤100ms

**Overload protection, DC, IEC 60947-2**

Rated current	Tripping current	Tripping time
≤63A	≤1.05I <sub>n</sub>	within 1 hour, not tripping(Cold state)
	≥1.3I <sub>n</sub>	within 1 hour, tripping(Thermal state)

**TECHNICAL FEATURES**

■ **Tripping curve**



## TECHNICAL FEATURES

### ■ Temperature-current correction factor

A6 series terminal power distribution products design and verify the protection performance of the products based on the ambient temperature of 30°C. When the ambient temperature is different, the following temperature-current coefficient shall be corrected accordingly:

#### - A6M, A6S &A6L MCBs

Rated current In (A)	Ambient temperature, T(°C)											
	-40	-30	-20	-10	0	10	20	30	40	50	60	70
1	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1	1.0	0.9	0.9	0.8
2	2.6	2.5	2.4	2.3	2.3	2.2	2.1	2	1.9	1.8	1.7	1.6
3	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3	2.9	2.7	2.6	2.4
4	5.1	4.9	4.8	4.6	4.5	4.3	4.2	4	3.8	3.7	3.5	3.3
6	7.7	7.5	7.3	7.0	6.8	6.5	6.3	6	5.7	5.4	5.1	4.7
10	12.9	12.5	12.1	11.7	11.3	10.9	10.5	10	9.5	9.0	8.5	7.9
16	20.0	19.5	19.0	18.4	17.8	17.2	16.6	16	15.3	14.7	13.9	13.2
20	24.8	24.1	23.5	22.9	22.2	21.5	20.8	20	19.2	18.4	17.6	16.7
25	31.2	30.4	29.5	28.7	27.8	26.9	26.0	25	24.0	22.9	21.8	20.7
32	39.4	38.4	37.4	36.4	35.3	34.3	33.2	32	30.8	29.6	28.3	26.9
40	49.4	48.2	46.9	45.6	44.3	42.9	41.5	40	38.5	36.9	35.2	33.5
50	62.2	60.6	59.0	57.3	55.6	53.8	51.9	50	48.0	45.9	43.7	41.4
63	78.1	76.1	74.1	72.0	69.9	67.7	65.4	63	60.5	58.0	55.3	52.5

#### - A6M5 compact MCBs

Rated current In (A)	Ambient temperature, T(°C)											
	-40	-30	-20	-10	0	10	20	30	40	50	60	70
6	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6	5.7	5.4	5.1	4.8
10	12.5	12.2	11.8	11.5	11.1	10.8	10.4	10	9.6	9.2	8.7	8.3
16	19.5	19.1	18.6	18.1	17.6	17.1	16.6	16	15.4	14.8	14.2	13.6
20	24.6	24.0	23.3	22.7	22.1	21.4	20.7	20	19.3	18.5	17.7	16.9
25	30.3	29.6	28.9	28.2	27.4	26.6	25.8	25	24.1	23.3	22.3	21.4
32	39.1	38.1	37.2	36.2	35.2	34.2	33.1	32	30.9	29.7	28.5	27.2
40	49.4	48.1	46.9	45.6	44.3	42.9	41.5	40	38.5	36.9	35.2	33.5

## Elfa A6 Modular DIN-rail devices STANDARD AC MCBs

### ■ A6M, Standard AC MCBs, 6kA



IEC 60898-1

6000  
3

#### Applications



#### Certification



#### Accessories



- Auxiliary contact
- Fault signal contact
- Shunt release

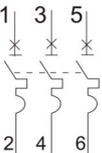
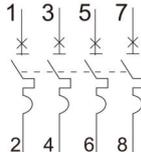
#### Products parameter

Rated current(In)	A	1-63
Rated voltage(Ue)	V	AC 230/400
Tripping characteristic		B, C, D
Current limiting level		3
Mechanical/electrical life	times	20000/10000
For isolation		Yes
Wiring	mm <sup>2</sup>	≤ 35
Poles		1, 2, 3, 4
Overload protection		≤ 1.13In, within 1 hour, not tripping(Cold state) ≥ 1.45In, within 1 hour, tripping(Thermal state)
Short-current protection		B curve: 3-5In C curve: 5-10In D curve: 10-20In

IEC60898, AC

Poles	Rated voltage	Icn
1-4P	230/400V	6kA

### Ordering data, standard AC MCBs, 6kA

Poles	Rated current	B curve		C curve		D curve				
		A	Type code	Order code	Type code	Order code	Type code	Order code		
1P 18mm	 	1	A6M1B01	81001AEN	A6M1C01	81014AEN	A6M1D01	81027AEN		
		2	A6M1B02	81002AEN	A6M1C02	81015AEN	A6M1D02	81028AEN		
		3	A6M1B03	81003AEN	A6M1C03	81016AEN	A6M1D03	81029AEN		
		4	A6M1B04	81004AEN	A6M1C04	81017AEN	A6M1D04	81030AEN		
		6	A6M1B06	81005AEN	A6M1C06	81018AEN	A6M1D06	81031AEN		
		10	A6M1B10	81006AEN	A6M1C10	81019AEN	A6M1D10	81032AEN		
		16	A6M1B16	81007AEN	A6M1C16	81020AEN	A6M1D16	81033AEN		
		20	A6M1B20	81008AEN	A6M1C20	81021AEN	A6M1D20	81034AEN		
		25	A6M1B25	81009AEN	A6M1C25	81022AEN	A6M1D25	81035AEN		
		32	A6M1B32	81010AEN	A6M1C32	81023AEN	A6M1D32	81036AEN		
		40	A6M1B40	81011AEN	A6M1C40	81024AEN	A6M1D40	81037AEN		
		50	A6M1B50	81012AEN	A6M1C50	81025AEN	A6M1D50	81038AEN		
		63	A6M1B63	81013AEN	A6M1C63	81026AEN	A6M1D63	81039AEN		
		2P 36mm	 	1	A6M2B01	81040AEN	A6M2C01	81053AEN	A6M2D01	81066AEN
				2	A6M2B02	81041AEN	A6M2C02	81054AEN	A6M2D02	81067AEN
				3	A6M2B03	81042AEN	A6M2C03	81055AEN	A6M2D03	81068AEN
4	A6M2B04			81043AEN	A6M2C04	81056AEN	A6M2D04	81069AEN		
6	A6M2B06			81044AEN	A6M2C06	81057AEN	A6M2D06	81070AEN		
10	A6M2B10			81045AEN	A6M2C10	81058AEN	A6M2D10	81071AEN		
16	A6M2B16			81046AEN	A6M2C16	81059AEN	A6M2D16	81072AEN		
20	A6M2B20			81047AEN	A6M2C20	81060AEN	A6M2D20	81073AEN		
25	A6M2B25			81048AEN	A6M2C25	81061AEN	A6M2D25	81074AEN		
32	A6M2B32			81049AEN	A6M2C32	81062AEN	A6M2D32	81075AEN		
40	A6M2B40			81050AEN	A6M2C40	81063AEN	A6M2D40	81076AEN		
50	A6M2B50			81051AEN	A6M2C50	81064AEN	A6M2D50	81077AEN		
63	A6M2B63			81052AEN	A6M2C63	81065AEN	A6M2D63	81078AEN		
3P 54mm	 			1	A6M3B01	81079AEN	A6M3C01	81092AEN	A6M3D01	81105AEN
				2	A6M3B02	81080AEN	A6M3C02	81093AEN	A6M3D02	81106AEN
				3	A6M3B03	81081AEN	A6M3C03	81094AEN	A6M3D03	81107AEN
		4	A6M3B04	81082AEN	A6M3C04	81095AEN	A6M3D04	81108AEN		
		6	A6M3B06	81083AEN	A6M3C06	81096AEN	A6M3D06	81109AEN		
		10	A6M3B10	81084AEN	A6M3C10	81097AEN	A6M3D10	81110AEN		
		16	A6M3B16	81085AEN	A6M3C16	81098AEN	A6M3D16	81111AEN		
		20	A6M3B20	81086AEN	A6M3C20	81099AEN	A6M3D20	81112AEN		
		25	A6M3B25	81087AEN	A6M3C25	81100AEN	A6M3D25	81113AEN		
		32	A6M3B32	81088AEN	A6M3C32	81101AEN	A6M3D32	81114AEN		
		40	A6M3B40	81089AEN	A6M3C40	81102AEN	A6M3D40	81115AEN		
		50	A6M3B50	81090AEN	A6M3C50	81103AEN	A6M3D50	81116AEN		
		63	A6M3B63	81091AEN	A6M3C63	81104AEN	A6M3D63	81117AEN		
		4P 72mm	 	1	A6M4B01	81118AEN	A6M4C01	81131AEN	A6M4D01	81144AEN
				2	A6M4B02	81119AEN	A6M4C02	81132AEN	A6M4D02	81145AEN
				3	A6M4B03	81120AEN	A6M4C03	81133AEN	A6M4D03	81146AEN
4	A6M4B04			81121AEN	A6M4C04	81134AEN	A6M4D04	81147AEN		
6	A6M4B06			81122AEN	A6M4C06	81135AEN	A6M4D06	81148AEN		
10	A6M4B10			81123AEN	A6M4C10	81136AEN	A6M4D10	81149AEN		
16	A6M4B16			81124AEN	A6M4C16	81137AEN	A6M4D16	81150AEN		
20	A6M4B20			81125AEN	A6M4C20	81138AEN	A6M4D20	81151AEN		
25	A6M4B25			81126AEN	A6M4C25	81139AEN	A6M4D25	81152AEN		
32	A6M4B32			81127AEN	A6M4C32	81140AEN	A6M4D32	81153AEN		
40	A6M4B40			81128AEN	A6M4C40	81141AEN	A6M4D40	81154AEN		
50	A6M4B50			81129AEN	A6M4C50	81142AEN	A6M4D50	81155AEN		
63	A6M4B63			81130AEN	A6M4C63	81143AEN	A6M4D63	81156AEN		

## Elfa A6 Modular DIN-rail devices STANDARD AC MCBs

### ■ A6S, Standard AC MCBs, 10kA



IEC 60898-1

10000  
3

#### Applications



#### Certification



#### Accessories



- Auxiliary contact
- Fault signal contact
- Shunt release

#### Products parameter

Rated current(In)	A	1-63
Rated voltage(Ue)	V	AC 230/400
Tripping characteristic		B, C, D
Current limiting level		3
Mechanical/electrical life	times	20000/10000
For isolation		Yes
Wiring	mm <sup>2</sup>	≤ 35
Poles		1, 2, 3, 4
Overload protection		≤ 1.13In, within 1 hour, not tripping(Cold state) ≥ 1.45In, within 1 hour, tripping(Thermal state)
Short-current protection		B curve: 3-5In C curve: 5-10In D curve: 10-20In

IEC 60898-1, AC

Poles	Rated voltage	Icn
1-4P	230/400V	10kA

### Ordering data, standard AC MCBs, 10kA

Poles	Rated current A	B curve		C curve		D curve	
		Type code	Order code	Type code	Order code	Type code	Order code
1P 18mm	1	A6S1B01	81157AEN	A6S1C01	81170AEN	A6S1D01	81183AEN
	2	A6S1B02	81158AEN	A6S1C02	81171AEN	A6S1D02	81184AEN
	3	A6S1B03	81159AEN	A6S1C03	81172AEN	A6S1D03	81185AEN
	4	A6S1B04	81160AEN	A6S1C04	81173AEN	A6S1D04	81186AEN
	6	A6S1B06	81161AEN	A6S1C06	81174AEN	A6S1D06	81187AEN
	10	A6S1B10	81162AEN	A6S1C10	81175AEN	A6S1D10	81188AEN
	16	A6S1B16	81163AEN	A6S1C16	81176AEN	A6S1D16	81189AEN
	20	A6S1B20	81164AEN	A6S1C20	81177AEN	A6S1D20	81190AEN
	25	A6S1B25	81165AEN	A6S1C25	81178AEN	A6S1D25	81191AEN
	32	A6S1B32	81166AEN	A6S1C32	81179AEN	A6S1D32	81192AEN
	40	A6S1B40	81167AEN	A6S1C40	81180AEN	A6S1D40	81193AEN
	50	A6S1B50	81168AEN	A6S1C50	81181AEN	A6S1D50	81194AEN
	63	A6S1B63	81169AEN	A6S1C63	81182AEN	A6S1D63	81195AEN
	2P 36mm	1	A6S2B01	81196AEN	A6S2C01	81209AEN	A6S2D01
2		A6S2B02	81197AEN	A6S2C02	81210AEN	A6S2D02	81223AEN
3		A6S2B03	81198AEN	A6S2C03	81211AEN	A6S2D03	81224AEN
4		A6S2B04	81199AEN	A6S2C04	81212AEN	A6S2D04	81225AEN
6		A6S2B06	81200AEN	A6S2C06	81213AEN	A6S2D06	81226AEN
10		A6S2B10	81201AEN	A6S2C10	81214AEN	A6S2D10	81227AEN
16		A6S2B16	81202AEN	A6S2C16	81215AEN	A6S2D16	81228AEN
20		A6S2B20	81203AEN	A6S2C20	81216AEN	A6S2D20	81229AEN
25		A6S2B25	81204AEN	A6S2C25	81217AEN	A6S2D25	81230AEN
32		A6S2B32	81205AEN	A6S2C32	81218AEN	A6S2D32	81231AEN
40		A6S2B40	81206AEN	A6S2C40	81219AEN	A6S2D40	81232AEN
50		A6S2B50	81207AEN	A6S2C50	81220AEN	A6S2D50	81233AEN
63		A6S2B63	81208AEN	A6S2C63	81221AEN	A6S2D63	81234AEN
3P 54mm		1	A6S3B01	81235AEN	A6S3C01	81248AEN	A6S3D01
	2	A6S3B02	81236AEN	A6S3C02	81249AEN	A6S3D02	81262AEN
	3	A6S3B03	81237AEN	A6S3C03	81250AEN	A6S3D03	81263AEN
	4	A6S3B04	81238AEN	A6S3C04	81251AEN	A6S3D04	81264AEN
	6	A6S3B06	81239AEN	A6S3C06	81252AEN	A6S3D06	81265AEN
	10	A6S3B10	81240AEN	A6S3C10	81253AEN	A6S3D10	81266AEN
	16	A6S3B16	81241AEN	A6S3C16	81254AEN	A6S3D16	81267AEN
	20	A6S3B20	81242AEN	A6S3C20	81255AEN	A6S3D20	81268AEN
	25	A6S3B25	81243AEN	A6S3C25	81256AEN	A6S3D25	81269AEN
	32	A6S3B32	81244AEN	A6S3C32	81257AEN	A6S3D32	81270AEN
	40	A6S3B40	81245AEN	A6S3C40	81258AEN	A6S3D40	81271AEN
	50	A6S3B50	81246AEN	A6S3C50	81259AEN	A6S3D50	81272AEN
	63	A6S3B63	81247AEN	A6S3C63	81260AEN	A6S3D63	81273AEN
	4P 72mm	1	A6S4B01	81274AEN	A6S4C01	81287AEN	A6S4D01
2		A6S4B02	81275AEN	A6S4C02	81288AEN	A6S4D02	81301AEN
3		A6S4B03	81276AEN	A6S4C03	81289AEN	A6S4D03	81302AEN
4		A6S4B04	81277AEN	A6S4C04	81290AEN	A6S4D04	81303AEN
6		A6S4B06	81278AEN	A6S4C06	81291AEN	A6S4D06	81304AEN
10		A6S4B10	81279AEN	A6S4C10	81292AEN	A6S4D10	81305AEN
16		A6S4B16	81280AEN	A6S4C16	81293AEN	A6S4D16	81306AEN
20		A6S4B20	81281AEN	A6S4C20	81294AEN	A6S4D20	81307AEN
25		A6S4B25	81282AEN	A6S4C25	81295AEN	A6S4D25	81308AEN
32		A6S4B32	81283AEN	A6S4C32	81296AEN	A6S4D32	81309AEN
40		A6S4B40	81284AEN	A6S4C40	81297AEN	A6S4D40	81310AEN
50		A6S4B50	81285AEN	A6S4C50	81298AEN	A6S4D50	81311AEN
63		A6S4B63	81286AEN	A6S4C63	81299AEN	A6S4D63	81312AEN

■ **A6M5, Compact AC MCBs, 6kA**



IEC 60898-1

6000  
3

Applications



Certification



**Products parameter**

Rated current( $I_n$ )	A	6-40
Rated voltage( $U_e$ )	V	AC 230
Tripping characteristic		C
Current limiting level		3
Mechanical/electrical life	times	20000/10000
For isolation		Yes
Wiring	mm <sup>2</sup>	≤ 16
Poles		1P+N
Overload protection		≤ 1.13 $I_n$ , within 1 hour, not tripping(Cold state) ≥ 1.45 $I_n$ , within 1 hour, tripping(Thermal state)
Short-current protection		C curve: 5-10 $I_n$

IEC 60898-1, AC

Poles	Rated voltage	$I_{cn}$
1P+N	230V	6kA

**COMPACT AC MCBs**

**Ordering data, compact AC MCBs, 6kA**



Poles

Rated current

C curve

1P+N

18mm



Rated current	Type code	Order code
6	A6M5C06	81501AEN
10	A6M5C10	81502AEN
16	A6M5C16	81503AEN
20	A6M5C20	81504AEN
25	A6M5C25	81505AEN
32	A6M5C32	81506AEN
40	A6M5C40	81507AEN

■ **A6S, DC MCBs**



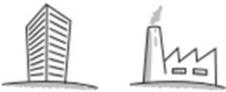
IEC 60947-2

10000

**Products parameter**

Rated current(In)	A	1-63
Rated voltage(Ue)	V	DC 125/250
Tripping characteristic		B, C
Mechanical/electrical life	times	20000/10000
For isolation		Yes
Wiring	mm <sup>2</sup>	≤ 35
Poles		1, 2
Overload protection		≤ 1.05In, within 1 hour, not tripping(Cold state) ≥ 1.3In, within 1 hour, tripping(Thermal state)
Short-current protection		B curve: 5.5In±20% C curve: 8.5In±20%

Applications



Certification



Accessories



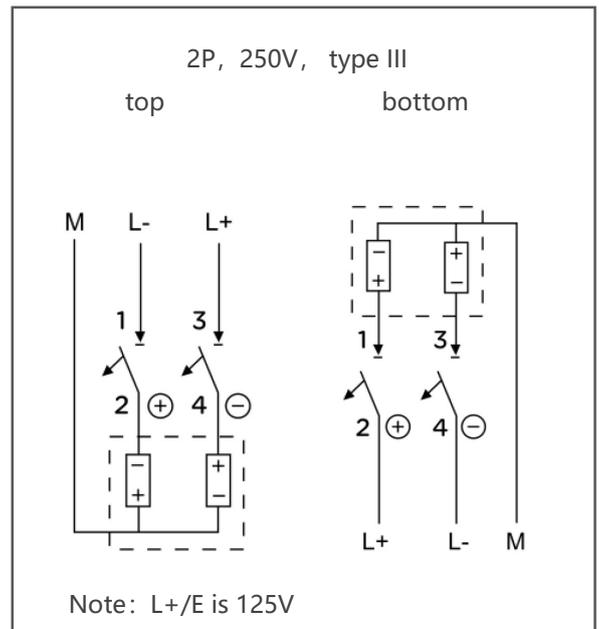
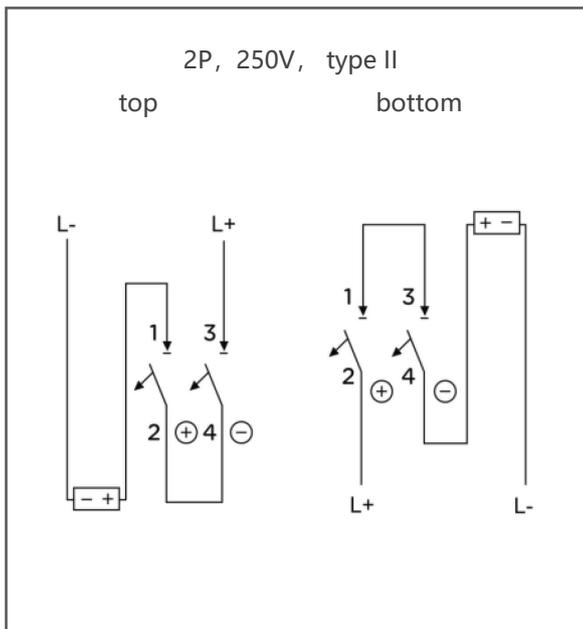
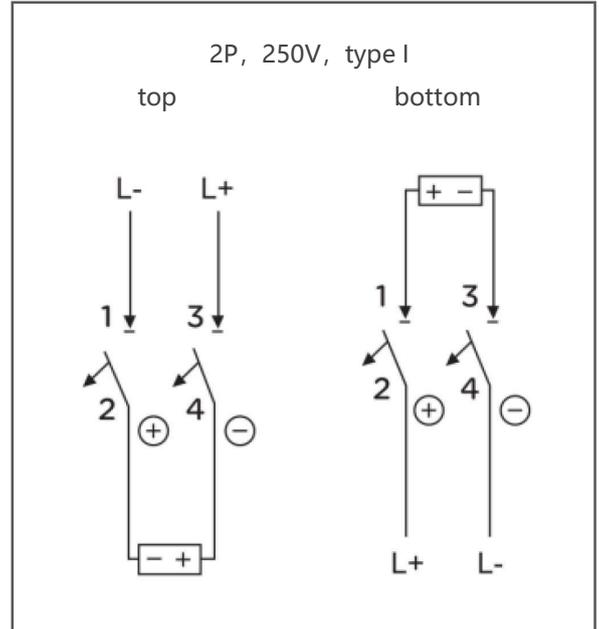
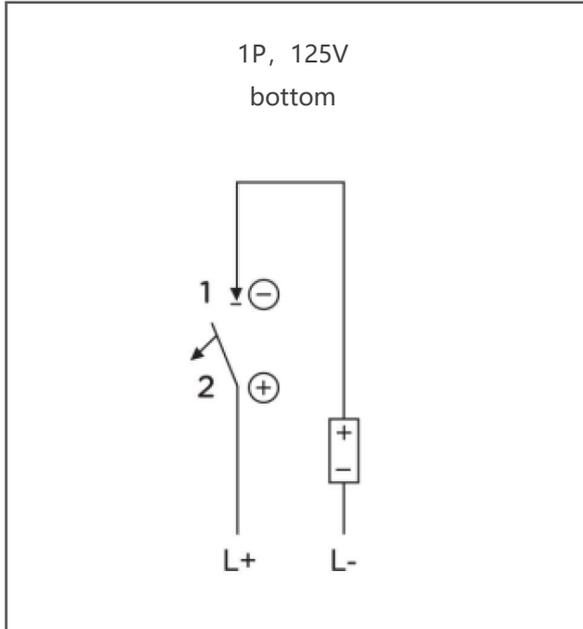
- Auxiliary contact
- Fault signal contact
- Shunt release

IEC 60947-2, DC

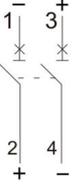
Poles	Rated voltage	Icn
1P	DC 125V	10kA
2P	DC 250V	10kA

DC MCBs

DC MCBs wiring mode



**Ordering data, DC MCBs**

	Poles	Rated current	B curve		C curve		
			A	Type code	Order code	Type code	Order code
 <p>1P 18mm</p> 		1	A6SDC1B01	81679AEN	A6SDC1C01	81692AEN	
		2	A6SDC1B02	81680AEN	A6SDC1C02	81693AEN	
		3	A6SDC1B03	81681AEN	A6SDC1C03	81694AEN	
		4	A6SDC1B04	81682AEN	A6SDC1C04	81695AEN	
		6	A6SDC1B06	81683AEN	A6SDC1C06	81696AEN	
		10	A6SDC1B10	81684AEN	A6SDC1C10	81697AEN	
		16	A6SDC1B16	81685AEN	A6SDC1C16	81698AEN	
		20	A6SDC1B20	81686AEN	A6SDC1C20	81699AEN	
		25	A6SDC1B25	81687AEN	A6SDC1C25	81700AEN	
		32	A6SDC1B32	81688AEN	A6SDC1C32	81701AEN	
		40	A6SDC1B40	81689AEN	A6SDC1C40	81702AEN	
		50	A6SDC1B50	81690AEN	A6SDC1C50	81703AEN	
		63	A6SDC1B63	81691AEN	A6SDC1C63	81704AEN	
	 <p>2P 36mm</p> 		1	A6SDC2B01	81705AEN	A6SDC2C01	81718AEN
			2	A6SDC2B02	81706AEN	A6SDC2C02	81719AEN
		3	A6SDC2B03	81707AEN	A6SDC2C03	81720AEN	
		4	A6SDC2B04	81708AEN	A6SDC2C04	81721AEN	
		6	A6SDC2B06	81709AEN	A6SDC2C06	81722AEN	
		10	A6SDC2B10	81710AEN	A6SDC2C10	81723AEN	
		16	A6SDC2B16	81711AEN	A6SDC2C16	81724AEN	
		20	A6SDC2B20	81712AEN	A6SDC2C20	81725AEN	
		25	A6SDC2B25	81713AEN	A6SDC2C25	81726AEN	
		32	A6SDC2B32	81714AEN	A6SDC2C32	81727AEN	
		40	A6SDC2B40	81715AEN	A6SDC2C40	81728AEN	
		50	A6SDC2B50	81716AEN	A6SDC2C50	81729AEN	
		63	A6SDC2B63	81717AEN	A6SDC2C63	81730AEN	

Note: 1P-125V, 2P-250V

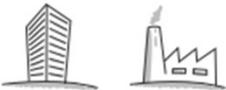
■ **A6L, DC MCBs**



IEC 60947-2

10000

Applications



Certification



Accessories



- Auxiliary contact
- Fault signal contact
- Shunt release

**Products parameter**

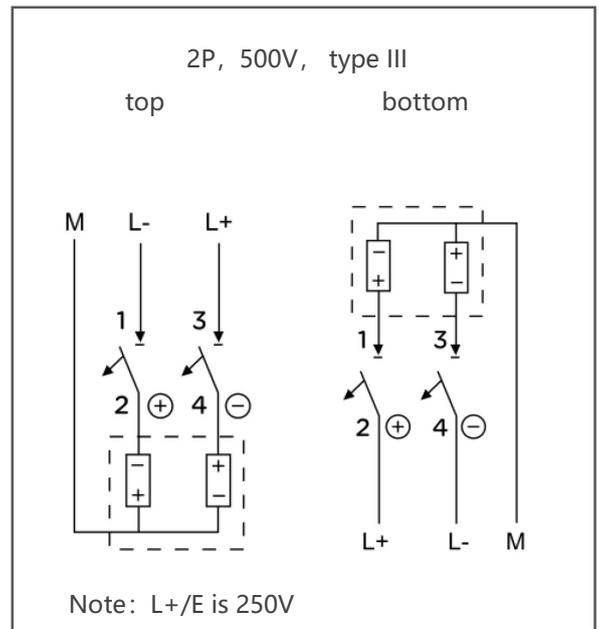
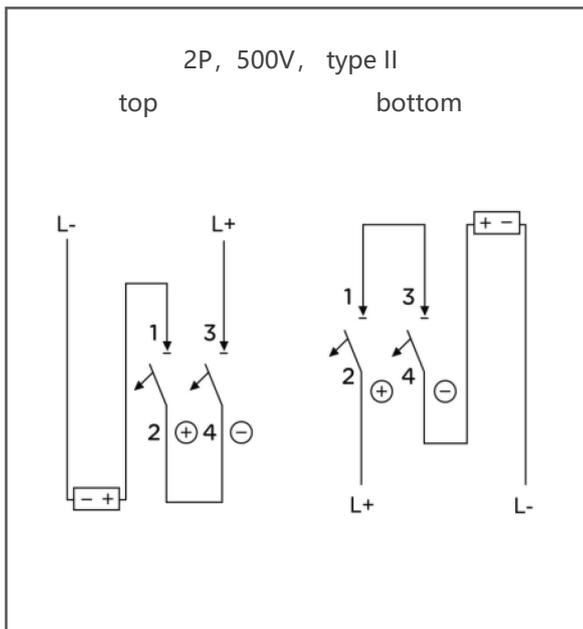
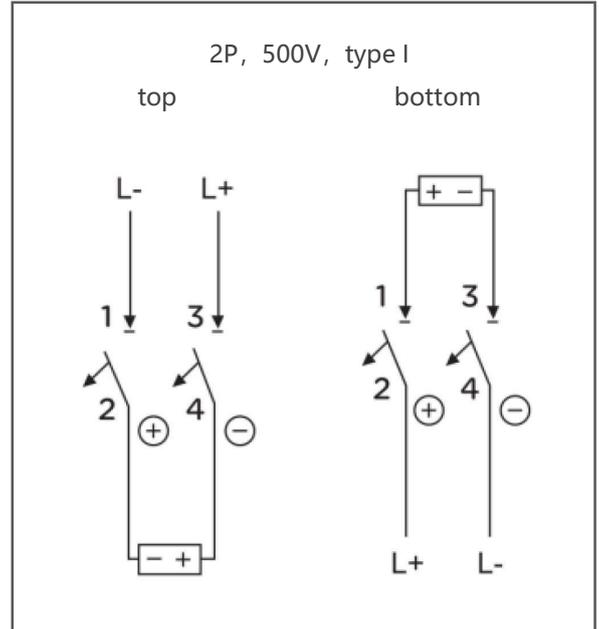
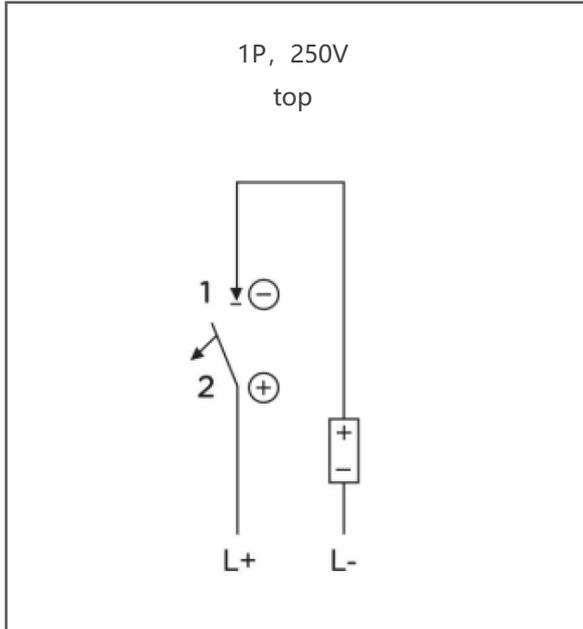
Rated current(In)	A	1-63
Rated voltage(Ue)	V	DC 250/500
Tripping characteristic		B, C
Mechanical/electrical life	times	20000/10000
For isolation		Yes
Wiring	mm <sup>2</sup>	≤ 35
Poles		1, 2
Overload protection		≤ 1.05In, within 1 hour, not tripping(Cold state) ≥ 1.3In, within 1 hour, tripping(Thermal state)
Short-current protection		B curve: 5.5In±20% C curve: 8.5In±20%

IEC 60947-2, DC

Poles	Rated voltage	Icn
1P	DC 250V	10kA
2P	DC 500V	10kA

**DC MCBs**

**DC MCBs wiring mode**



**Ordering data, DC MCBs**

	Poles	Rated current	B curve		C curve	
			A	Type code	Order code	Type code
 <p>1P 18mm</p> 		1	A6LDC1B01	81757AEN	A6LDC1C01	81770AEN
		2	A6LDC1B02	81758AEN	A6LDC1C02	81771AEN
		3	A6LDC1B03	81759AEN	A6LDC1C03	81772AEN
		4	A6LDC1B04	81760AEN	A6LDC1C04	81773AEN
		6	A6LDC1B06	81761AEN	A6LDC1C06	81774AEN
		10	A6LDC1B10	81762AEN	A6LDC1C10	81775AEN
		16	A6LDC1B16	81763AEN	A6LDC1C16	81776AEN
		20	A6LDC1B20	81764AEN	A6LDC1C20	81777AEN
		25	A6LDC1B25	81765AEN	A6LDC1C25	81778AEN
		32	A6LDC1B32	81766AEN	A6LDC1C32	81779AEN
		40	A6LDC1B40	81767AEN	A6LDC1C40	81780AEN
		50	A6LDC1B50	81768AEN	A6LDC1C50	81781AEN
		63	A6LDC1B63	81769AEN	A6LDC1C63	81782AEN
	 <p>2P 36mm</p> 		1	A6LDC2B01	81783AEN	A6LDC2C01
		2	A6LDC2B02	81784AEN	A6LDC2C02	81797AEN
		3	A6LDC2B03	81785AEN	A6LDC2C03	81798AEN
		4	A6LDC2B04	81786AEN	A6LDC2C04	81799AEN
		6	A6LDC2B06	81787AEN	A6LDC2C06	81800AEN
		10	A6LDC2B10	81788AEN	A6LDC2C10	81801AEN
		16	A6LDC2B16	81789AEN	A6LDC2C16	81802AEN
		20	A6LDC2B20	81790AEN	A6LDC2C20	81803AEN
		25	A6LDC2B25	81791AEN	A6LDC2C25	81804AEN
		32	A6LDC2B32	81792AEN	A6LDC2C32	81805AEN
		40	A6LDC2B40	81793AEN	A6LDC2C40	81806AEN
		50	A6LDC2B50	81794AEN	A6LDC2C50	81807AEN
		63	A6LDC2B63	81795AEN	A6LDC2C63	81808AEN

Note: 1P-250V, 2P-500V

■ **A6MT Disconnect switch**



IEC60947-3

Applications



Certification



**Products parameter**

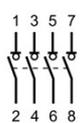
Rated current(In)	A	40-125
Rated voltage(Ue)	V	AC 230/400
Mechanical/electrical life	times	20000/10000
Status display		Yes
Wiring	mm <sup>2</sup>	≤ 35
Poles		1, 2, 3, 4
Rated frequency	Hz	50/60
Isolation		Yes
Utilization category		AC-22A

IEC 60947-3

Poles	In	t
1-4P	2000A	1s

# DISCONNECT SWITCH

## Ordering data, A6MT

	极数	额定电流		
		A	Type code	Order code
	1P 18mm	40	A6M1T040	8566001AEN
		63	A6M1T063	8566002AEN
		80	A6M1T080	8566003AEN
		100	A6M1T100	8566004AEN
		125	A6M1T125	8566005AEN
				
	2P 36mm	40	A6M2T040	8566006AEN
		63	A6M2T063	8566007AEN
		80	A6M2T080	8566008AEN
		100	A6M2T100	8566009AEN
		125	A6M2T125	8566010AEN
				
	3P 54mm	40	A6M3T040	8566011AEN
		63	A6M3T063	8566012AEN
		80	A6M3T080	8566013AEN
		100	A6M3T100	8566014AEN
		125	A6M3T125	8566015AEN
				
	4P 72mm	40	A6M4T040	8566016AEN
		63	A6M4T063	8566017AEN
		80	A6M4T080	8566018AEN
		100	A6M4T100	8566019AEN
		125	A6M4T125	8566020AEN
				

■ **A6MR compact RCBO**



IEC 61009-1

6000

3

**Products parameter**

Rated current(I <sub>n</sub> )	A	6-40
Rated voltage(U <sub>e</sub> )	V	AC 230
Tripping characteristic		C
Current limiting level		3
Mechanical/electrical life	times	20000/10000
Wiring capacity	mm <sup>2</sup>	≤ 16
Poles		1P+N
Overload protection		≤ 1.13I <sub>n</sub> , within 1 hour, not tripping(Cold state) ≥ 1.45I <sub>n</sub> , within 1 hour, tripping(Thermal state)
Short-current protection	mA	C curve: 5-10I <sub>n</sub>
Residual type		AC, A
I <sub>Δn</sub>		30
Wiring type		Top in, bottom out

Applications



Certification



Accessories

- Auxiliary contact
- Fault signal contact
- Shunt release

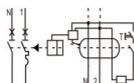
IEC 61009-1, AC

Poles	Rated voltage	I <sub>cn</sub>
1P+N	230V	6kA

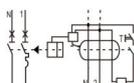
Rated short-circuit making and tripping capacity(I<sub>Δm</sub>): 3kA

### Ordering data of A6MR

	Poles	Rated current	Residual current		Curve C		
			A	Residual current type	Residual current, I $\Delta$ n	Type code	Order code
	1P+N 36mm		6	AC	30mA	A6MRC06/030	81508AEN
			10	AC	30mA	A6MRC10/030	81509AEN
			16	AC	30mA	A6MRC16/030	81510AEN
			20	AC	30mA	A6MRC20/030	81511AEN
			25	AC	30mA	A6MRC25/030	81512AEN
			32	AC	30mA	A6MRC32/030	81513AEN
			40	AC	30mA	A6MRC40/030	81514AEN



	1P+N 36mm		6	A	30mA	A6MRC06/030H	81515AEN
			10	A	30mA	A6MRC10/030H	81516AEN
			16	A	30mA	A6MRC16/030H	81517AEN
			20	A	30mA	A6MRC20/030H	81518AEN
			25	A	30mA	A6MRC25/030H	81519AEN
			32	A	30mA	A6MRC32/030H	81520AEN
			40	A	30mA	A6MRC40/030H	81521AEN



■ **A6MED Assembled RCBO, 6kA**



IEC 61009-1

6000  
3

**Products parameter**

Rated current(I <sub>n</sub> )	A	6-63
Rated voltage(U <sub>e</sub> )	V	AC 230/400
Tripping characteristic		C, D
Current limiting level		3
Mechanical/electrical life	times	20000/10000
Wiring capacity	mm <sup>2</sup>	≤ 35
Poles		2P, 3P, 4P
Overload protection		≤ 1.13I <sub>n</sub> , within 1 hour, not tripping(Cold state) ≥ 1.45I <sub>n</sub> , within 1 hour, tripping(Thermal state)
Short-current protection		C curve: 5-10I <sub>n</sub> D curve: 10-20I <sub>n</sub>
Residual type		AC, A
I <sub>Δn</sub>	mA	30, 100
Wiring type		Top in, bottom out

Applications



Certification



Accessories



- Auxiliary contact
- Fault signal contact
- Shunt release

IEC61009, AC

Poles	Rated voltage	I <sub>cn</sub>
2P, 3P, 4P	230/400V	6kA

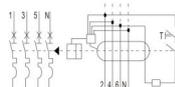
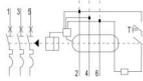
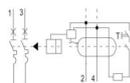
Rated short-circuit making and tripping capacity(I<sub>Δm</sub>): 6kA

### Ordering data of A6MED, residual type AC, 30mA

Poles	Rated current	Residual current		Curve C		Curve D		
		A	Residual current type	Residual current, I $\Delta$ n	Type code	Order code	Type code	Order code
2P 72mm			AC	30mA	A6MED2C06/030	82019AEN	A6MED2D06/030	82028AEN
					A6MED2C10/030	82020AEN	A6MED2D10/030	82029AEN
					A6MED2C16/030	82021AEN	A6MED2D16/030	82030AEN
					A6MED2C20/030	82022AEN	A6MED2D20/030	82031AEN
					A6MED2C25/030	82023AEN	A6MED2D25/030	82032AEN
					A6MED2C32/030	82024AEN	A6MED2D32/030	82033AEN
					A6MED2C40/030	82025AEN	A6MED2D40/030	82034AEN
					A6MED2C50/030	82026AEN	A6MED2D50/030	82035AEN
					A6MED2C63/030	82027AEN	A6MED2D63/030	82036AEN
3P 108mm			AC	30mA	A6MED3C06/030	82037AEN	A6MED3D06/030	82046AEN
					A6MED3C10/030	82038AEN	A6MED3D10/030	82047AEN
					A6MED3C16/030	82039AEN	A6MED3D16/030	82048AEN
					A6MED3C20/030	82040AEN	A6MED3D20/030	82049AEN
					A6MED3C25/030	82041AEN	A6MED3D25/030	82050AEN
					A6MED3C32/030	82042AEN	A6MED3D32/030	82051AEN
					A6MED3C40/030	82043AEN	A6MED3D40/030	82052AEN
					A6MED3C50/030	82044AEN	A6MED3D50/030	82053AEN
					A6MED3C63/030	82045AEN	A6MED3D63/030	82054AEN
4P 135mm			AC	30mA	A6MED4C06/030	82073AEN	A6MED4D06/030	82082AEN
					A6MED4C10/030	82074AEN	A6MED4D10/030	82083AEN
					A6MED4C16/030	82075AEN	A6MED4D16/030	82084AEN
					A6MED4C20/030	82076AEN	A6MED4D20/030	82085AEN
					A6MED4C25/030	82077AEN	A6MED4D25/030	82086AEN
					A6MED4C32/030	82078AEN	A6MED4D32/030	82087AEN
					A6MED4C40/030	82079AEN	A6MED4D40/030	82088AEN
					A6MED4C50/030	82080AEN	A6MED4D50/030	82089AEN
					A6MED4C63/030	82081AEN	A6MED4D63/030	82090AEN

**Ordering data of A6MED, residual type A, 30mA**

Poles	Rated current	Residual current		Curve C		Curve D		
		A	Residual current type	Residual current, $I_{\Delta n}$	Type code	Order code	Type code	Order code
2P 72mm		6	A	30mA	A6MED2C06/030H	82289AEN	A6MED2D06/030H	82298AEN
		10	A	30mA	A6MED2C10/030H	82290AEN	A6MED2D10/030H	82299AEN
		16	A	30mA	A6MED2C16/030H	82291AEN	A6MED2D16/030H	82300AEN
		20	A	30mA	A6MED2C20/030H	82292AEN	A6MED2D20/030H	82301AEN
		25	A	30mA	A6MED2C25/030H	82293AEN	A6MED2D25/030H	82302AEN
		32	A	30mA	A6MED2C32/030H	82294AEN	A6MED2D32/030H	82303AEN
		40	A	30mA	A6MED2C40/030H	82295AEN	A6MED2D40/030H	82304AEN
		50	A	30mA	A6MED2C50/030H	82296AEN	A6MED2D50/030H	82305AEN
		63	A	30mA	A6MED2C63/030H	82297AEN	A6MED2D63/030H	82306AEN
		3P 108mm		6	A	30mA	A6MED3C06/030H	82307AEN
10	A			30mA	A6MED3C10/030H	82308AEN	A6MED3D10/030H	82317AEN
16	A			30mA	A6MED3C16/030H	82309AEN	A6MED3D16/030H	82318AEN
20	A			30mA	A6MED3C20/030H	82310AEN	A6MED3D20/030H	82319AEN
25	A			30mA	A6MED3C25/030H	82311AEN	A6MED3D25/030H	82320AEN
32	A			30mA	A6MED3C32/030H	82312AEN	A6MED3D32/030H	82321AEN
40	A			30mA	A6MED3C40/030H	82313AEN	A6MED3D40/030H	82322AEN
50	A			30mA	A6MED3C50/030H	82314AEN	A6MED3D50/030H	82323AEN
63	A			30mA	A6MED3C63/030H	82315AEN	A6MED3D63/030H	82324AEN
4P 135mm				6	A	30mA	A6MED4C06/030H	82343AEN
		10	A	30mA	A6MED4C10/030H	82344AEN	A6MED4D10/030H	82353AEN
		16	A	30mA	A6MED4C16/030H	82345AEN	A6MED4D16/030H	82354AEN
		20	A	30mA	A6MED4C20/030H	82346AEN	A6MED4D20/030H	82355AEN
		25	A	30mA	A6MED4C25/030H	82347AEN	A6MED4D25/030H	82356AEN
		32	A	30mA	A6MED4C32/030H	82348AEN	A6MED4D32/030H	82357AEN
		40	A	30mA	A6MED4C40/030H	82349AEN	A6MED4D40/030H	82358AEN
		50	A	30mA	A6MED4C50/030H	82350AEN	A6MED4D50/030H	82359AEN
		63	A	30mA	A6MED4C63/030H	82351AEN	A6MED4D63/030H	82360AEN



■ **A6SED Assembled RCBO, 10kA**



IEC 61009-1

10000  
3

**Products parameter**

Rated current(I <sub>n</sub> )	A	6-63
Rated voltage(U <sub>e</sub> )	V	AC 230/400
Tripping characteristic		C, D
Current limiting level		3
Mechanical/electrical life	times	20000/10000
Wiring capacity	mm <sup>2</sup>	≤ 35
Poles		2P, 3P, 4P
Overload protection		≤ 1.13I <sub>n</sub> , within 1 hour, not tripping(Cold state) ≥ 1.45I <sub>n</sub> , within 1 hour, tripping(Thermal state)
Short-current protection		C curve: 5-10I <sub>n</sub> D curve: 10-20I <sub>n</sub>
Residual type		AC, A
I <sub>Δn</sub>	mA	30, 100
Wiring type		Top in, bottom out

Applications



Certification



Accessories



- Auxiliary contact
- Fault signal contact
- Shunt release

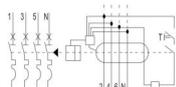
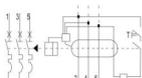
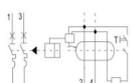
IEC 61009-1, AC

Poles	Rated voltage	I <sub>cn</sub>
2P, 3P, 4P	230/400V	10kA

Rated short-circuit making and tripping capacity(I<sub>Δm</sub>): 6kA

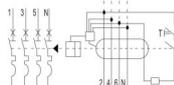
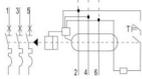
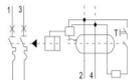
### Ordering data of A6SED, residual type AC, 30mA

Poles	Rated current	Residual current		Curve C		Curve D		
		A	Residual current type	Residual current, I $\Delta$ n	Type code	Order code	Type code	Order code
2P 72mm			AC	30mA	A6SED2C06/030	82559AEN	A6SED2D06/030	82568AEN
					A6SED2C10/030	82560AEN	A6SED2D10/030	82569AEN
					A6SED2C16/030	82561AEN	A6SED2D16/030	82570AEN
					A6SED2C20/030	82562AEN	A6SED2D20/030	82571AEN
					A6SED2C25/030	82563AEN	A6SED2D25/030	82572AEN
					A6SED2C32/030	82564AEN	A6SED2D32/030	82573AEN
					A6SED2C40/030	82565AEN	A6SED2D40/030	82574AEN
					A6SED2C50/030	82566AEN	A6SED2D50/030	82575AEN
					A6SED2C63/030	82567AEN	A6SED2D63/030	82576AEN
3P 108mm			AC	30mA	A6SED3C06/030	82577AEN	A6SED3D06/030	82586AEN
					A6SED3C10/030	82578AEN	A6SED3D10/030	82587AEN
					A6SED3C16/030	82579AEN	A6SED3D16/030	82588AEN
					A6SED3C20/030	82580AEN	A6SED3D20/030	82589AEN
					A6SED3C25/030	82581AEN	A6SED3D25/030	82590AEN
					A6SED3C32/030	82582AEN	A6SED3D32/030	82591AEN
					A6SED3C40/030	82583AEN	A6SED3D40/030	82592AEN
					A6SED3C50/030	82584AEN	A6SED3D50/030	82593AEN
					A6SED3C63/030	82585AEN	A6SED3D63/030	82594AEN
4P 135mm			AC	30mA	A6SED4C06/030	82613AEN	A6SED4D06/030	82622AEN
					A6SED4C10/030	82614AEN	A6SED4D10/030	82623AEN
					A6SED4C16/030	82615AEN	A6SED4D16/030	82624AEN
					A6SED4C20/030	82616AEN	A6SED4D20/030	82625AEN
					A6SED4C25/030	82617AEN	A6SED4D25/030	82626AEN
					A6SED4C32/030	82618AEN	A6SED4D32/030	82627AEN
					A6SED4C40/030	82619AEN	A6SED4D40/030	82628AEN
					A6SED4C50/030	82620AEN	A6SED4D50/030	82629AEN
					A6SED4C63/030	82621AEN	A6SED4D63/030	82630AEN



### Ordering data of A6SED, residual type A, 30mA

Poles	Rated current	Residual current		Curve C		Curve D		
		A	Residual current type	Residual current, I $\Delta$ n	Type code	Order code	Type code	Order code
2P 72mm			A	30mA	A6SED2C06/030H	82829AEN	A6SED2D06/030H	82838AEN
					A6SED2C10/030H	82830AEN	A6SED2D10/030H	82839AEN
					A6SED2C16/030H	82831AEN	A6SED2D16/030H	82840AEN
					A6SED2C20/030H	82832AEN	A6SED2D20/030H	82841AEN
					A6SED2C25/030H	82833AEN	A6SED2D25/030H	82842AEN
					A6SED2C32/030H	82834AEN	A6SED2D32/030H	82843AEN
					A6SED2C40/030H	82835AEN	A6SED2D40/030H	82844AEN
					A6SED2C50/030H	82836AEN	A6SED2D50/030H	82845AEN
					A6SED2C63/030H	82837AEN	A6SED2D63/030H	82846AEN
					3P 108mm			A
A6SED3C10/030H	82848AEN	A6SED3D10/030H	82857AEN					
A6SED3C16/030H	82849AEN	A6SED3D16/030H	82858AEN					
A6SED3C20/030H	82850AEN	A6SED3D20/030H	82859AEN					
A6SED3C25/030H	82851AEN	A6SED3D25/030H	82860AEN					
A6SED3C32/030H	82852AEN	A6SED3D32/030H	82861AEN					
A6SED3C40/030H	82853AEN	A6SED3D40/030H	82862AEN					
A6SED3C50/030H	82854AEN	A6SED3D50/030H	82863AEN					
A6SED3C63/030H	82855AEN	A6SED3D63/030H	82864AEN					
4P 135mm			A	30mA				
					A6SED4C10/030H	82884AEN	A6SED4D10/030H	82893AEN
					A6SED4C16/030H	82885AEN	A6SED4D16/030H	82894AEN
					A6SED4C20/030H	82886AEN	A6SED4D20/030H	82895AEN
					A6SED4C25/030H	82887AEN	A6SED4D25/030H	82896AEN
					A6SED4C32/030H	82888AEN	A6SED4D32/030H	82897AEN
					A6SED4C40/030H	82889AEN	A6SED4D40/030H	82898AEN
					A6SED4C50/030H	82890AEN	A6SED4D50/030H	82899AEN
					A6SED4C63/030H	82891AEN	A6SED4D63/030H	82900AEN



### ACCESSORIES

#### ■ Accessories

##### Auxiliary contact

Provides the status of the protection device,

Rated voltage: 240-415V, AC; 24-250V, DC



##### Fault signal contact

In case of short circuit and overload tripping of the circuit breaker, the signal contact is switched, and mechanical indication is provided on the front panel, provide 1CO contact.

Rated voltage: 240-415V, AC; 24-250V, DC

Rated voltage: V	DC24	DC48	DC110/220	DC250	AC240	AC415
Rated current: A	6	2	1	0.4	6	3

##### Shunt release

When the circuit breaker is in the "ON" position and the shunt trip coil is energized, the circuit breaker will trip and its main contact will open. This accessory can be used for remote control.

##### Standards

IEC 60947-5

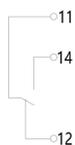
##### Mounting:

- The auxiliary contact, signal contact and shunt release are installed on the left side of the circuit breaker. They adopt the snap-type portable design and can be simply and quickly clamped without complicated installation tools.
- Each circuit breaker can be installed with 3 accessories at most;
- When the shunt release and other accessories need to be installed, the shunt release card should be installed on the left side of the circuit breaker before installing other accessories.

# ACCESSORIES

## Ordering data of accessories

### Auxiliary contact

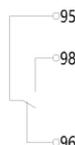


Describe	Type code	Order code	Width
1CO	H6	83501AEN	9mm

working principle:

When the circuit breaker is closed, 11-14 will be closed, and when it is opened, 11-12 will be closed

### Fault signal contact

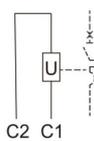


Describe	Type code	Order code	Width
1CO	S6	83502AEN	9mm

working principle:

91-92 is closed after the circuit breaker is closed, and the manual opening does not operate, and 91-92 is still closed; When the circuit breaker is in the closed state, after a fault (short circuit or overload) trip occurs, 91-94 will be closed, and a fault signal is sent

### Shunt release



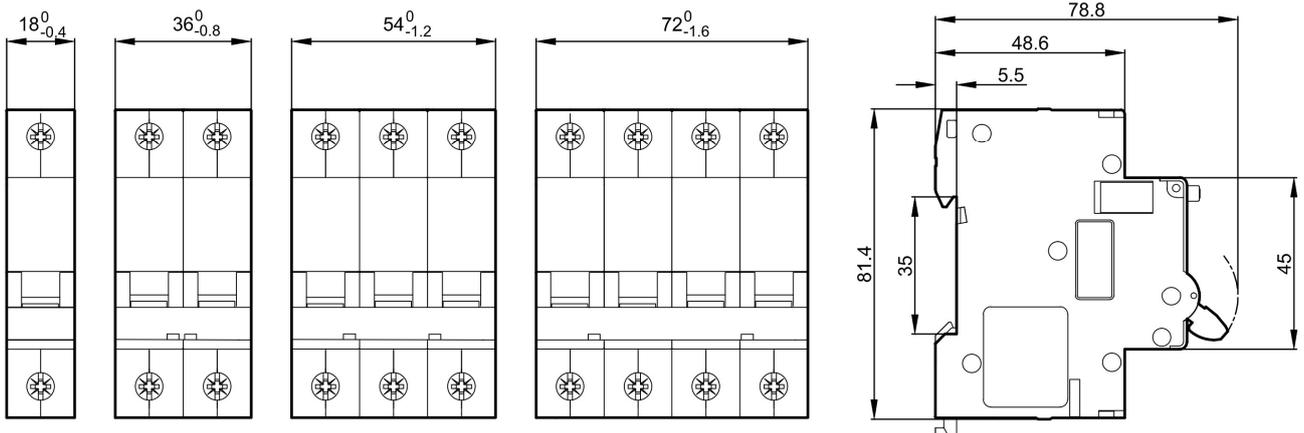
Describe	Type code	Order code	Width
DC24V	NFAD	83503AEN	18mm
AC220V	NFAN	83504AEN	18mm

working principle:

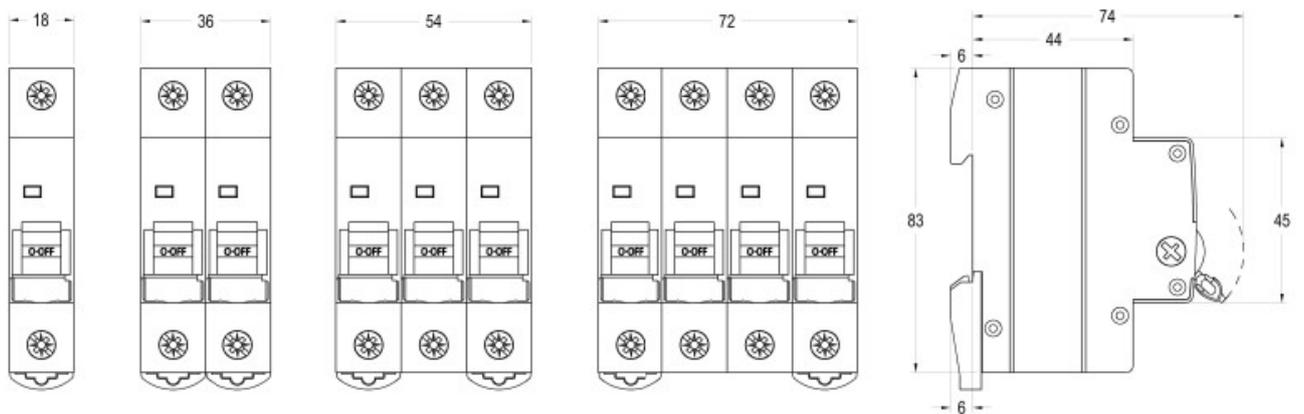
When the circuit breaker is closed and the shunt coil is energized and activated, the release will drive the circuit breaker to open

# DIMENSION

**A6M(1P-4P), A6S (1P-4P) , A6S DC (1P, 2P) , A6L DC (1P, 2P)**

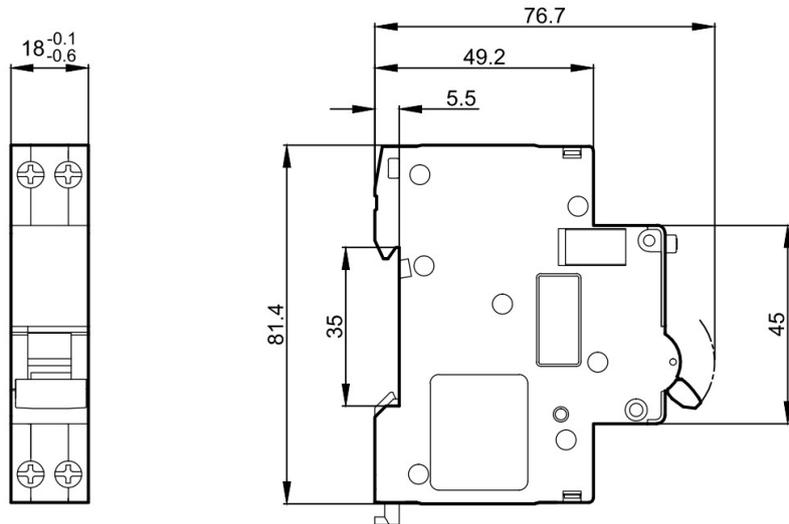


**A6MT**

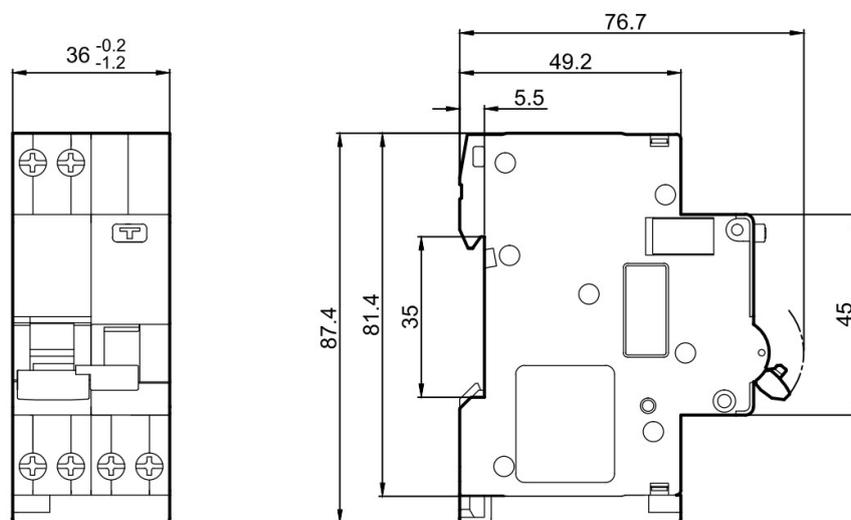


**DIMENSION**

**A6M5**

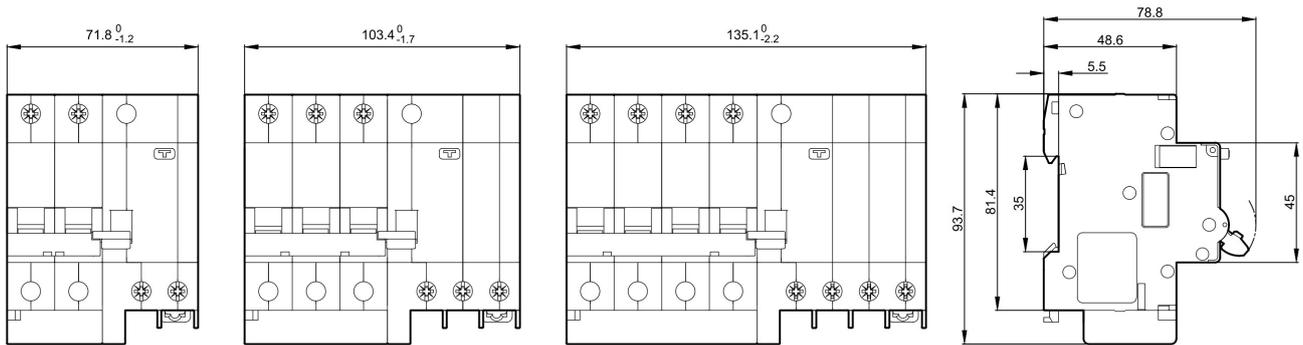


**A6MR**



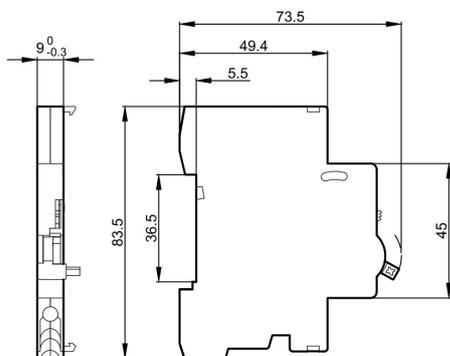
# DIMENSION

## A6MED, A6SED

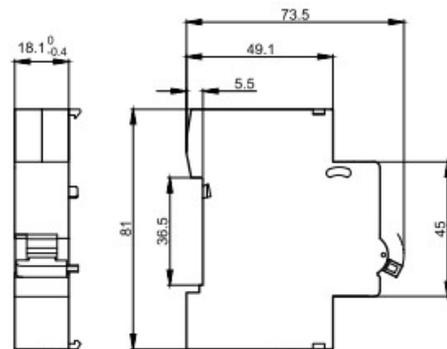


## H6, S6, NF

H6, S6



NF



# GEIS

GEIS Electric  
Website: [www.geis.tech](http://www.geis.tech)  
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