Specifications and technical data are subject to change without notice.
Please contact us to confirm relevant information on ordering.

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APP

CIRCUIT BREAKER



EBASEE
Smart Living Green Ebasee
Ebasee Ltd.,China

# Company Profile

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have gained many international approvals, such as **TUV, KEMA, CB, SEMKO, RoHS, CE, and CCC etc**.

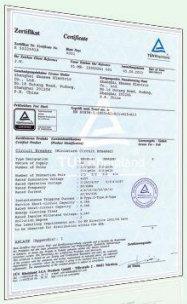
With quality raw materials and components supply, all products are manufactured to EBASEE's defined specifications. We have 4 semi-auto production lines, up to date quality control facilities, and well-trained skillful workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products developing and daily production QC as well.

EBASEE have wide range cooperations with world leading companies in new products developing or OEM, ODM cooperation. Meanwhile we also process industry cooperation on intelligent home products, and work with some university such as Xi'an Jiao Tong University on project solutions. EBASEE is focused on achieving growth through the growth and success of its worldwide partners.

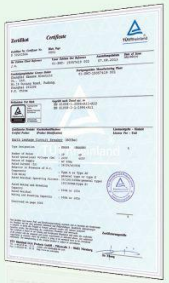
EBASEE, guided by the "market-oriented" philosophy, powered with the "Quick response and flexible supply" capability, can support our worldwide partners to compete against established global players to deliver the most comprehensive and cost-effective products and service in the market.

"Smart life, Green EBASEE"

# Enterprise credit









# EBS7M Series
## Moulded Case Circuit Breaker

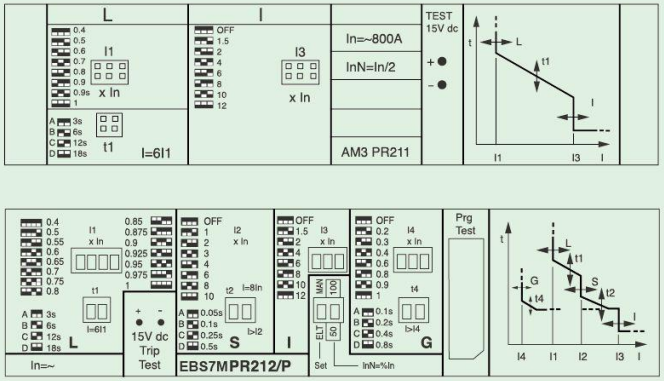

### Application

EBS7M series moulded case circuit breaker， it's applicable circuit of AC50/60Hz,rated insulating voltage 690V(EBS7M-125 500V),rated operating voltage AC 690V or below,rated operating current 12.5-1600A,for distribute energy of electric and infrequent making and breaking circuit in normal condition.The circuit-breakers are provided with the function of the protection against overload and short circuit under-voltage.The circuit breakers comply with standard of IEC60947-2.The circuit-breakers are double insulating(Inm=250A or above),the control circuit of the accessories is set apart with the main circuit,and doesn't need to open the cover of the circuit breaker when install the accessories.

### Specification

| Type | Pole | Rated insulating voltage (V) | Rated operating voltage (V) | Ultimate short circuit breaking capacity Icu(kA) | | Rated short-circuit serrice breaking capocity Ics(%Icu) | Utilization category |
|---|---|---|---|---|---|---|---|
| | | | | AC380V(400) | AC660V(690) | | |
| EBS7M-125L | 1,2,3,4 | 500 | 500 | 25 | _ | 50% | A |
| EBS7M-160L | 3 | 690 | 690 and below | 35 | 8 | 75% | |
| EBS7M-160M | | | | 50 | 10 | 75% | |
| EBS7M-250L | | 800 | | 35 | 14 | 100% | |
| EBS7M-250M | | | | 65 | 18 | 75% | |
| EBS7M-250H | | | | 85 | 20 | 75% | |
| EBS7M-400L | | | | 35 | 18 | 100% | |
| EBS7M-400M | | | | 65 | 22 | 100% | |
| EBS7M-400H | | | | 100 | 30 | 75% | |
| EBS7M-630L | | | | 35 | 20 | 100% | |
| EBS7M-630M | | | | 50 | 22 | 100% | |
| EBS7M-630H | | | | 65 | 25 | 100% | |
| EBS7M-800L | | | | 35 | 20 | 100% | |
| EBS7M-800M | | | | 50 | 22 | 100% | |
| EBS7M-800H | | | | 65 | 25 | 100% | |
| EBS7M-1250L | 3 | | | 50 | 20 | 100% | |
| EBS7M-1600L | | | | | | | |

## Main Technical Parameter of Trip Units (See Table 2)




## Thermal Magnetic Release

| Type | Rated current In(A) | Note | Rated current In(A) | Utilization category |
|---|---|---|---|---|
| EBS7M-125 | 12.5,16,20,25,32, 40,50,63,80,100,125 | T fixed M fixed | – | / |
| EBS7M-160 | 16,20,25,32,40,50, 63,80,100,125,160 | T adjustable(0.7~1In) M fixed | – | / |
| EBS7M-250 | 100.125.160. 180. 225.250 | T adjustable(0.7~1In) M fixed | – | / |
| EBS7M-400 | 225.250.315.350.400 | T fixed or adjustable(0.7~1In) M fixed | 320,400 | I1=0.4…1*In EBS7M PR211(L-L1) I1=0.4…1*In EBS7M PR212(LSI-LSIG) Tripping between 1.05…1.3*I1(IEC60947-2)I2 t=constant(Long-time overload protection) I2=1-2-3-4-6-8-10*In t2=0.05s,0.1s,0.25s,0.5s adjustable (short-circuit short time delay protection) I3=1.5-2-4-6-8-10-12*In(Instantaneous short-circuit protection)I4=0.2-0.3-0.4-0.6-0.8-0.9-1*In t4=0.1s,0.2s,0.4s,0.8s adjustable (Earth fault protection) |
| EBS7M-630 | 400.500.630 | T fixed M fixed | 630 | |
| EBS7M-800 | 630.700.800 | T fixed M fixed | 800 | |
| EBS7M-1250 | – | – | 800, 1000,1250 | |
| EBS7M-1600 | – | – | 1000.1250.1600 | |

**Note: T-thermal M-magnetic L-long time S-short time relay I-instantaneous**

**G-earth fault EBS7M-125/160 In=12.5,16,20,32,40 magnetic protection that is fixed at 500A.**

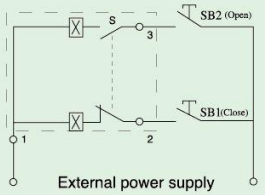


## Accessories

### 4.1 The external accessories of the breaker

**●Motor-driven operation device**

(1)Wiring diagram of type CDM electromagnetic operation device(fitting EBS7M-125,160,250) see the following drawing(wiring diagram of the exteral accessories of the breaker in the dotted frame)

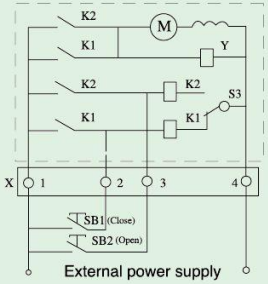



Code description:SB1、SB2 stand for push button(provided by users themselves)

Number"1","2","3"stand for number of wiring terminals.

Voltage rating:AC50Hz 230V,400V,DC220V

(2) Wiring diagram of type CD motor-driven operation device(fitting EBS7M-400、630、800) see belows(wiring diagram of the exteral accessories of the breaker in the dotted frame)




Code description:SB1、SB2 stand for push button(provided by users themselves) "X"stands for line connection terminals

Voltage rating:AC50Hz 230V,400V;DC220V

**●Rotary handle**

Economic extended rotary handle

Degree of protection:IP30

Function:(1)With indication of isolation

(2)Indication of three positions o(off)I(on)and tripped

(3)Door opening prevented when circuit breaker is on

## 4.2 The Internal Accessories of the Breaker

**●Under-voltage release**

Us:AC50/60Hz 400V,230V

When the operation voltage is 35%~70%of the rated voltage,the under-voltage release should make the breaker trip correatly.

When the operation voltage is 85%~110% of the rated voltage,the under-voltage release should make the breaker close.

In case of the operation voltage less than 35% of the rated voltage,the under-voltage should prevent the breaker frok closing.

Note:Only the under-voltage release should be energized in advanced,the breaker could be recramped and turned-on,herwise the breaker will be damaged.

**●Shunt release**

Us:AC50/60Hz 230V 400V;DC110V 220V

The shunt release should make the breaker trip reliably when the operation voltage is 70%~110% of the rated control voltage

Plug-in base

Electromagnetic operation device

Motor-driven operation device

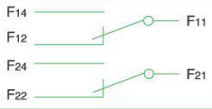
Rotary handle

Shunt release

Under-voltage release

## Auxiliary Contact

Alarm contact

| | | |
|---|---|---|
| When the breaker is in "off" |   | Size<br>2N/O+2N/C<br>1N/O+1N/C |
| When the breaker is in "on" | When the breaker is in "off", the contacts switch from "close" to "open".<br>When the breaker is in "off", the contacts switch from "open"to close" | |

## Alarm Contact

Auxiliary Contact

| | |
|---|---|
| The position of the breaker in "off" or "on" |   |
| The position of the breaker in "free release" (alarm) | $B_{11}$ and $B_{12}$ switch from "close" to "open", status of $B_{11}$ and $B_{14}$ switch from "open" to "close" |

Auxiliary contact and Alarm contact:Auxiliary contact is as same Alarm contact, the technical parameter(see table 3)

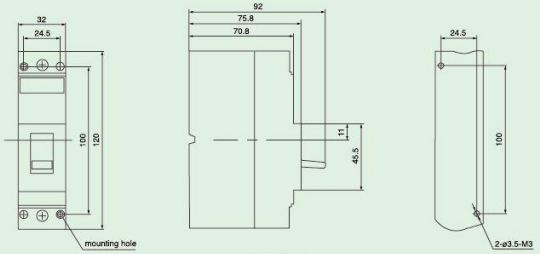
| Rated heating current Ith(A) | Rated operating current Ie(A) | | Suited frame Inm(A) |
|---|---|---|---|
| | AC380V | DC220V | |
| 3 | 0.3 | 0.15 | 125,160 |
| 3 | 0.4 | 0.15 | 250,400 |
| 3 | 0.4 | 0.15 | 630.800.1250.1600 |

**Installation:**Circuit breaker may be mounted vertically,horizontally or flat on their back without any derating of characteristics.

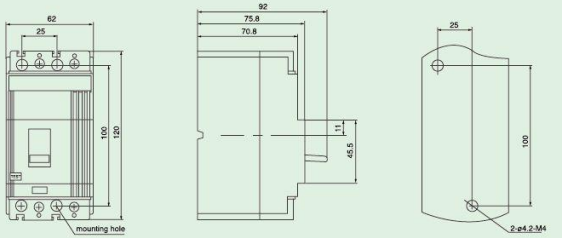
**Fix:**Mounting on backplate.

**Connection:**Front panel connection,black panel connection,plug-in connection

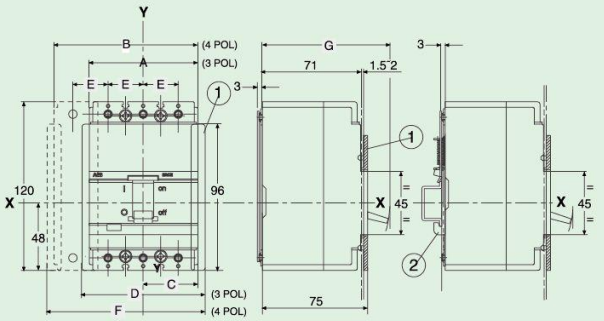
## Outline and Installation Dimension



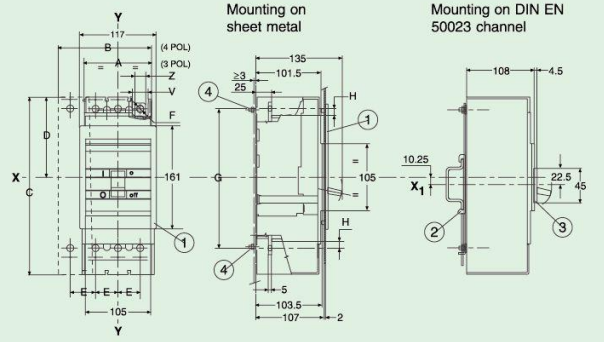

EBS7M-125 1P




EBS7M-125 2P

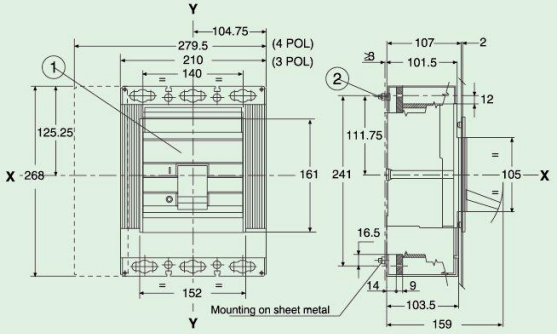



| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| EBS7M-125 | 78 | 103 | 39 | 91 | 25 | 116 | 91 |
| EBS7M-160 | 90 | 120 | 45 | 103 | 30 | 133 | 93 |

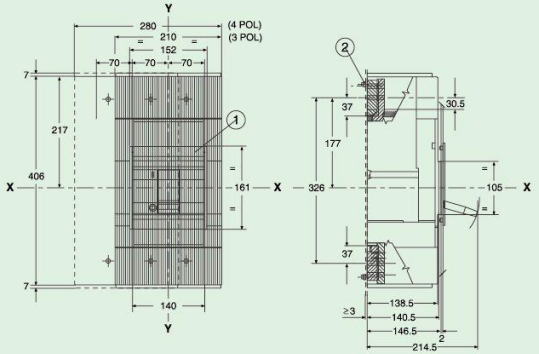



| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| EBS7M-400 | 105 | 140 | 170 | 87.25 | 35 | Ø8 | 143 | 10 |
| EBS7M-630 | 140 | 183.75 | 254 | 125.25 | 143.75 | Ø10 | 218 | 12 |

EBS7M-630/EBS7M-800




EBS7M-1250/EBS7M-1600



# Motor Operator

Motor operator is used to remote control the closing of the breaker
The specification of motor operator

| Frame rated current | Model of motor operator | | |
|---|---|---|---|
| | CD1 | CD2 | CD3 |
| 125A | - | CD2-125 | - |
| 160A | - | CD2-160 | - |
| 250A | CD1-250 | - | - |
| 400、630A | CD1-400 CD1-630 | - | - |
| 800A | - | - | CD3-800 |
| 1600A | - | - | CD3-1600 |

**CD1 direct action motor operator**

1.Both the opening and closing commands controlled by the motor, which acts directly on the circuit-breaker lever. The table shows the power supply voltage values Un [V].

2.With manual urgent cut off button.

3.User can install break-position lock ,avoid the breaker being closed.

4.Apply to ①Inm=250A ②Inm=400、630A Customer should indicate the specification in order.

5.Accessories for selecting

**CD1 motor operator power supply**

| The accessory of electric operation | | | | motor operation device | |
|---|---|---|---|---|---|
| The range of operating voltage | | | | (0.85-1.1)XUs | |
| Rated control voltage | Power supply | | AC 50 Hz | 220V | 380V |
| | | Power consumption | Start Power consume | 510VA | 510VA |
| | | | Continuance Power consume | 360VA | 360VA |
| | | | DC | 110V | 220V |
| | | Power consumption | Start Power consume | 510W | 510W |
| | | | Continuance Power consume | 360W | 360W |
| Close time | | | | 0.1s | |
| Cut off time | | | | 0.1s | |

**CD2 motor operator**

1.Direct close or cut off close or cut off.

2.With manual urgent cut off button.

3. Apply to ①Inm=125A ②Inm=160A Customer should indicate the specification in order.

4.Accessories for selecting.

**CD2 motor operator**

| The accessory of electric operation | | | | motor operation device | |
|---|---|---|---|---|---|
| The range of operating voltage | | | | (0.85-1.1)XUs | |
| Rated control voltage | Power supply | | AC 50 Hz | 220V | 380V |
| | | Power consumption | Start Power consume | 220VA | 200VA |
| | | | Continuance Power | 110VA | 110VA |
| | | | DC | 110V | 220V |
| | | Power consumption | Start Power consume | 200W | 200W |
| | | | Continuance Power | 110W | 110W |
| Close time | | | | 0.1s | |
| Cut off time | | | | 0.1s | |



**CD3 Stored energy motor operator**

1.Motor pre-storage and manual pre-storage.

2.Electric close.

3.When user needs close the breaker, make sure the storage is finished firstly, then cut off the breaker.

4.Electric cut off function

5.Manual urgent cut off button

6.User can install break-position lock ,avoid the breaker being closed.

7. Apply to ① Inm=800A ② Inm=1600A Customer should indicate the specification in order.

8. Accessories for selecting

**CD3 Stored energy motor operator**

| The accessory of electric operation | | | | motor operation device | |
|---|---|---|---|---|---|
| The range of operating voltage | | | | (0.85-1.1)XUs | |
| Rated control voltage | Power supply | | AC 50 Hz | 220V | 380V |
| | | Power consumption | Start Power consume | 660VA | 660VA |
| | | | Continuance Power consume | 180VA | 180VA |
| | | | DC | 110V | 220V |
| | | Power consumption | Start Power consume | 600W | 600W |
| | | | Continuance Power consume | 180W | 180W |
| Close time | | | | 0.1s | |
| Cut off time | | | | 0.3s | |

# Rotary Handle Operation Mechanism

**Rotary handle operation mechanism can apply to:**

① Use the rotary handle to close or cut off the breaker.

② Use the rotary handle outside of the switch box to close or cut off the breaker.

③ The rotary handle operation device is interlocked with switch box ,avoid opening the box's door when breaker is closing.

**User can install break-position lock ,avoid the breaker closing.**

**Supply condition:**

① One breaker equipped separate lock and key.

② 2 breakers equipped 2 same locks and 1 key.

③ 3 breakers equipped 3 same locks and 2 keys.

**Specification of rotary handle operation device.**

**Model of rotary handle operation mechanism**

| Model of rotary handle operation mechanism for selection | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Frame rated current | Device in breaker | | Device in switch box's door (for selecting:handle and operation device) | | | | | | | |
| | | | Rotary Handle operation device | | | | | | | |
| | CS2 | CS2/L | Model A(round) | | Model B(rectangle) | | Model CS1(central) | | Model CSS(eccentricity) | |
| | | with inter lock | A-1 short handle | A-2 long handel | F1-1 short handle | F1-2 short handle | CS1 | CS1/L with interlock | CSS | CSS/L with interlock |
| 125A | - | - | A-1 | - | F1-1 | - | - | - | CSS-125 | CSS/L-125 |
| 160A | - | - | A-1 | - | F1-1 | - | - | - | CSS-160 | CSS/L-160 |
| 250A | CS2-250 | CS2/L-250 | A-1 | - | F1-1 | - | CS1-250 | CS1/L-250 | CSS-250 | CSS/L-250 |
| 400A | CS2-400 | CS2/L-400 | A-1 | - | F1-1 | - | CS1-400 | CS1/L-400 | CSS-400 | CSS/L-400 |
| 630A | CS2-630 | CS2/L-630 | A-1 | - | F1-1 | - | CS1-630 | CS1/L-630 | CSS-630 | CSS/L-630 |
| 800A | CS2-800 | CS2/L-800 | - | A-2 | - | F1-2 | CS1-800 | CS1/L-800 | CSS-800 | CSS/L-800 |
| 1600A | CS2-1600 | CS2/L-1600 | - | A-2 | - | F1-2 | CS1-1600 | CS1/L-1600 | CSS-1600 | CSS/S-1600 |

**CSS rotary handle operation device**

CSS-125A~160A

**Rotary handle operation mechanism**

Eccentric connecting lever.
Device in breaker.
Can equip interlock device with switch box's door.

CSS-250A~1600A

**Rotary handle operation mechanism**

Can equip model A or model F handle.
Accessories for selecting.

## Rotary Handle Operation Mechanism

CS2

**Rotary handle operation device**

Model A handle
Device in breaker.
With break-position lock.
Can equip interlock device with switch box's door.
Accessories for selecting.

F1-1 handle

Short handle.
Equip in switch box's door.
Can apply to model CS1\CSS operation device.
Safety category :IP30
Accessories for selecting.

A-2 handle

Long handle.
Equip in switch box's door.
Can apply to model CS1\CSS operation device.
Safety category :IP30
Accessories for selecting.

Model F1-1 handle

A1-1 handle

Short handle.
Equip in switch box's door.
Can apply to model CS1\CSS operation device
Safety category :IP30(can offer IP54 handle)
Accessories for selecting.





F1-2 handle

Long handle.
Equip in switch box's door.
Can apply to model CS1\CSS operation device.
Safety category:IP30(can offer IP54 handle)
Accessories for selecting.

## Accessories

| Name of Accessories | Accessory Code | | Accessory Installation and lead cable method | | | |
|---|---|---|---|---|---|---|
| | Thermal magnetic Release | Duplex Release | EBS7M-125 EBS7M-160 | EBS7M-250 EBS7M-400 EBS7M-630 | EBS7M-800 | EBS7M-1250 EBS7M-1600 |
| | | | 3P、4P | 3P、4P | 3P、4P | 3P |
| Alarm Contact | 208 | 308 | | | | |
| Shunt release | 210 | 310 | | | | |
| Shunt Release Alarm Contact | 218 | 318 | | | | |
| Auxiliary Contact | 220 | 320 | | | | |
| Auxiliary Contact Alarm Contact | 228 | 328 | | | | |
| Under voltage release | 230 | 330 | | | | |
| Under voltage release Alarm Contact | 238 | 338 | | | | |
| Shunt release Auxiliary Contact | 240 | 340 | | | | |
| Shunt Release Under voltage release Two-sets Auxiliary Contact | 248 | 348 | | | | |
| Two-sets Auxiliary Contact | 260 | 360 | | | | |
| Two-sets Auxiliary Contact Alarm Contact | 268 | 368 | | | | |
| Under voltage release Auxiliary Contact | 270 | 370 | | | | |
| Under voltage release Auxiliary Contact Alarm Contact | 278 | 378 | | | | |

Attention: handle
left installation — right installation

Alarm Contact
Two-sets Auxiliary Contact
Shunt release
Auxiliary Contact
Under voltage release
Lead cable direction

## Shunt Release

**Shunt release is used for remote controlling the breaker to cut off.**

**There are three frames specifications of shunt release :**

①apply to Inm=125A-160A

②apply to Inm=250A-630A

③apply to Inm=800A-1600A

**Customer should indicate the specification in order.**

**For instantaneous work type selecting accessory.**

Shunt release character

| The accessory of electric operation The range of operating voltage | | | Shunt release (0.7-1.1)XUs | |
|---|---|---|---|---|
| Rated control voltage | Power supply | AC 50HZ | 220V | 380V |
| | | Power consumption | 150VA | 150VA |
| | | DC | 110V | 220V |
| | | Power consumption | 150W | 150W |

## Under-voltage Release

**Under-voltage release is used for protecting the circuit and power supply's under-voltage.**

**Under-voltage release can be used as shunt release**

**There are three frames specifications of under-voltage release :**

①apply to Inm=125A-160A

②apply to Inm=250A-630A

③apply to Inm=800A-1600A

63A-160A under-voltage inlay release

63A-160A under-voltage release

250A-400A under-voltage release

630A-1600A under-voltage release

**Under-voltage release action character**

| Rated work voltage Ue(V) | AC380 | AC220 | DC110 | DC220 |
|---|---|---|---|---|
| Action voltage | (0.35-0.7)XUe | | | |
| Guarantee close voltage | (0.85-1.1)XUe | | | |
| Guarantee no-close voltage | ≤ 0.35Ue | | | |
| Power consumption | 10VA | | 4W | |

## Auxiliary Contact & Warning Contact

**Auxiliary contact is used for auto controlling the breaker's control loop,such as the indication of breaker's on or off.**

**Warning contact is used for alarming of the breaker's cut off when overload、short-circuit、under voltage of circuit and equipment .**

**The specification of auxiliary contact & warning contact:**

① 1 often-on 1 often-off

② 2 often-on 2 often-off

③ 1 often-on 1 often-off+ 1 warning contact

④ 2 often-on 2 often-off+ 1 warning contact (only apply to 800A-1600A )

**There are three frames specifications of auxiliary contact & warning contact :**

① apply to Inm=125A-160A

② apply to Inm=250A-630A

③ apply to Inm=800A-1600A

**Customer should indicate the specification in order.**

## Technical Data

| Frame rated current | Stipulation heat current | Rated insulation voltage | Rated work voltage Ue | | |
|---|---|---|---|---|---|
| | | | AC380V | AC220V | DC220V |
| 125A | 4A | AC250V | - | 3A | 0.14A |
| 160A | | | | | |
| 250A | 8A | AC380V | 3.5A | 6A | 0.2A |
| 400A | | | | | |
| 630A | | | | | |
| 800A | | | | | |
| 1600A | | | | | |

## Order Code

| | at 400V AC In(A) | | 3P Type Code | 4P Type Code |
|---|---|---|---|---|
| **Frame A EBS7M-125**  | B 20kA | 12.5 | 7M-125B/3P12.5 | 7M-125B/4P12.5 |
| | | 16 | 7M-125B/3P16 | 7M-125B/4P16 |
| | | 20 | 7M-125B/3P20 | 7M-125B/4P20 |
| | | 25 | 7M-125B/3P25 | 7M-125B/4P25 |
| | | 32 | 7M-125B/3P32 | 7M-125B/4P32 |
| | | 40 | 7M-125B/3P40 | 7M-125B/4P40 |
| | | 50 | 7M-125B/3P50 | 7M-125B/4P50 |
| | | 63 | 7M-125B/3P63 | 7M-125B/4P63 |
| | | 80 | 7M-125B/3P80 | 7M-125B/4P80 |
| | | 100 | 7M-125B/3P100 | 7M-125B/4P100 |
| | | 125 | 7M-125B/3P125 | 7M-125B/4P125 |
| | N 35kA | 12.5 | 7M-125N/3P12.5 | 7M-125N/4P12.5 |
| | | 16 | 7M-125N/3P16 | 7M-125N/4P16 |
| | | 20 | 7M-125N/3P20 | 7M-125N/4P20 |
| | | 25 | 7M-125N/3P25 | 7M-125N/4P25 |
| | | 32 | 7M-125N/3P32 | 7M-125N/4P32 |
| | | 40 | 7M-125N/3P40 | 7M-125N/4P40 |
| | | 50 | 7M-125N/3P50 | 7M-125N/4P50 |
| | | 63 | 7M-125N/3P63 | 7M-125N/4P63 |
| | | 80 | 7M-125N/3P80 | 7M-125N/4P80 |
| | | 100 | 7M-125N/3P100 | 7M-125N/4P100 |
| | | 125 | 7M-125N/3P125 | 7M-125N/4P125 |
| **Frame B EBS7M-160**  | B 20kA | 32 | 7M-160B/3P32 | 7M-160B/4P32 |
| | | 40 | 7M-160B/3P40 | 7M-160B/4P40 |
| | | 50 | 7M-160B/3P50 | 7M-160B/4P50 |
| | | 63 | 7M-160B/3P63 | 7M-160B/4P63 |
| | | 80 | 7M-160B/3P80 | 7M-160B/4P80 |
| | | 100 | 7M-160B/3P100 | 7M-160B/4P100 |
| | | 125 | 7M-160B/3P125 | 7M-160B/4P125 |
| | | 160 | 7M-160B/3P160 | 7M-160B/4P160 |
| | N 35kA | 32 | 7M-160N/3P32 | 7M-160N/4P32 |
| | | 40 | 7M-160N/3P40 | 7M-160N/4P40 |
| | | 50 | 7M-160N/3P50 | 7M-160N/4P50 |
| | | 63 | 7M-160N/3P63 | 7M-160N/4P63 |
| | | 80 | 7M-160N/3P80 | 7M-160N/4P80 |
| | | 100 | 7M-160N/3P100 | 7M-160N/4P100 |
| | | 125 | 7M-160N/3P125 | 7M-160N/4P125 |
| | | 160 | 7M-160N/3P160 | 7M-160N/4P160 |

| | at 400V AC In(A) | | 3P Type Code | 4P Type Code |
|---|---|---|---|---|
| **Frame B EBS7M-160** | S 50kA | 32 | 7M-160S/3P32 | 7M-160S/4P32 |
| | | 40 | 7M-160S/3P40 | 7M-160S/4P40 |
| | | 50 | 7M-160S/3P50 | 7M-160S/4P50 |
| | | 63 | 7M-160S/3P63 | 7M-160S/4P63 |
| | | 80 | 7M-160S/3P80 | 7M-160S/4P80 |
| | | 100 | 7M-160S/3P100 | 7M-160S/4P100 |
| | | 125 | 7M-160S/3P125 | 7M-160S/4P125 |
| | | 160 | 7M-160S/3P160 | 7M-160S/4P160 |
| **Frame C EBS7M-250**  | N 35kA | 125 | 7M-250N/3P125 | 7M-250N/4P125 |
| | | 160 | 7M-250N/3P160 | 7M-250N/4P160 |
| | | 180 | 7M-250N/3P180 | 7M-250N/4P180 |
| | | 200 | 7M-250N/3P200 | 7M-250N/4P200 |
| | | 225 | 7M-250N/3P225 | 7M-250N/4P225 |
| | | 250 | 7M-250N/3P250 | 7M-250N/4P250 |
| | S 50kA | 125 | 7M-250S/3P125 | 7M-250S/4P125 |
| | | 160 | 7M-250S/3P160 | 7M-250S/4P160 |
| | | 180 | 7M-250S/3P180 | 7M-250S/4P180 |
| | | 200 | 7M-250S/3P200 | 7M-250S/4P200 |
| | | 225 | 7M-250S/3P225 | 7M-250S/4P225 |
| | | 250 | 7M-250S/3P250 | 7M-250S/4P250 |
| | H 65kA | 125 | 7M-250H/3P125 | 7M-250H/4P125 |
| | | 160 | 7M-250H/3P160 | 7M-250H/4P160 |
| | | 180 | 7M-250H/3P180 | 7M-250H/4P180 |
| | | 200 | 7M-250H/3P200 | 7M-250H/4P200 |
| | | 225 | 7M-250H/3P225 | 7M-250H/4P225 |
| | | 250 | 7M-250H/3P250 | 7M-250H/4P250 |
| | X 100kA | 125 | 7M-250X/3P125 | 7M-250X/4P125 |
| | | 160 | 7M-250X/3P160 | 7M-250X/4P160 |
| | | 180 | 7M-250X/3P180 | 7M-250X/4P180 |
| | | 200 | 7M-250X/3P200 | 7M-250X/4P200 |
| | | 225 | 7M-250X/3P225 | 7M-250X/4P225 |
| | | 250 | 7M-250X/3P250 | 7M-250X/4P250 |

## Order Code

| | at 400V ACIn(A) | | 3P Type Code | 4P Type Code |
|---|---|---|---|---|
| **Frame D EBS7M-400**  | N 35kA | 250 | 7M-400N/3P250 | 7M-400N/4P250 |
| | | 315 | 7M-400N/3P315 | 7M-400N/4P315 |
| | | 350 | 7M-400N/3P350 | 7M-400N/4P350 |
| | | 400 | 7M-400N/3P400 | 7M-400N/4P400 |
| | S 50kA | 250 | 7M-400S/3P250 | 7M-400S/4P250 |
| | | 315 | 7M-400S/3P315 | 7M-400S/4P315 |
| | | 350 | 7M-400S/3P350 | 7M-400S/4P350 |
| | | 400 | 7M-400S/3P400 | 7M-400S/4P400 |
| | H 65kA | 250 | 7M-400H/3P250 | 7M-400H/4P250 |
| | | 315 | 7M-400H/3P315 | 7M-400H/4P315 |
| | | 350 | 7M-400H/3P350 | 7M-400H/4P350 |
| | | 400 | 7M-400H/3P400 | 7M-400H/4P400 |
| **Frame E EBS7M-630**  | N 35kA | 250 | 7M-400N/3P250 | 7M-400N/4P250 |
| | | 315 | 7M-400N/3P315 | 7M-400N/4P315 |
| | | 350 | 7M-400N/3P350 | 7M-400N/4P350 |
| | | 400 | 7M-400N/3P400 | 7M-400N/4P400 |
| | | 500 | 7M-400N/3P500 | 7M-400N/4P500 |
| | | 630 | 7M-400N/3P630 | 7M-400N/4P630 |
| | S 50kA | 250 | 7M-400S/3P250 | 7M-400S/4P250 |
| | | 315 | 7M-400S/3P315 | 7M-400S/4P315 |
| | | 350 | 7M-400S/3P350 | 7M-400S/4P350 |
| | | 400 | 7M-400S/3P400 | 7M-400S/4P400 |
| | | 500 | 7M-400S/3P500 | 7M-400S/4P500 |
| | | 630 | 7M-400S/3P630 | 7M-400S/4P630 |
| | H 65kA | 250 | 7M-400H/3P250 | 7M-400H/4P250 |
| | | 315 | 7M-400H/3P315 | 7M-400H/4P315 |
| | | 350 | 7M-400H/3P350 | 7M-400H/4P350 |
| | | 400 | 7M-400H/3P400 | 7M-400H/4P400 |
| | | 500 | 7M-400H/3P500 | 7M-400H/4P500 |
| | | 630 | 7M-400H/3P630 | 7M-400H/4P630 |

| | at 400V ACIn(A) | | 3P Type Code | 4P Type Code |
|---|---|---|---|---|
| **Frame F EBS7M-800**  | N 35kA | 400 | 7M-800N/3P400 | 7M-800N/4P400 |
| | | 500 | 7M-800N/3P500 | 7M-800N/4P500 |
| | | 630 | 7M-800N/3P630 | 7M-800N/4P630 |
| | | 700 | 7M-800N/3P700 | 7M-800N/4P700 |
| | | 800 | 7M-800N/3P800 | 7M-800N/4P800 |
| | S 50kA | 400 | 7M-800S/3P400 | 7M-800S/4P400 |
| | | 500 | 7M-800S/3P500 | 7M-800S/4P500 |
| | | 630 | 7M-800S/3P630 | 7M-800S/4P630 |
| | | 700 | 7M-800S/3P700 | 7M-800S/4P700 |
| | | 800 | 7M-800S/3P800 | 7M-800S/4P800 |
| | H 65kA | 400 | 7M-800H/3P400 | 7M-800H/4P400 |
| | | 500 | 7M-800H/3P500 | 7M-800H/4P500 |
| | | 630 | 7M-800H/3P630 | 7M-800H/4P630 |
| | | 700 | 7M-800H/3P700 | 7M-800H/4P700 |
| | | 800 | 7M-800H/3P800 | 7M-800H/4P800 |
| | X 100kA | 400 | 7M-800X/3P400 | 7M-800X/4P400 |
| | | 500 | 7M-800X/3P500 | 7M-800X/4P500 |
| | | 630 | 7M-800X/3P630 | 7M-800X/4P630 |
| | | 700 | 7M-800X/3P700 | 7M-800X/4P700 |
| | | 800 | 7M-800X/3P800 | 7M-800X/4P800 |
| **Frame G EBS7M-1250** | S 50kA | 800 | 7M-1250S/3P800 | 7M-1250S/4P800 |
| | | 1000 | 7M-1250S/3P1000 | 7M-1250S/4P1000 |
| | | 1250 | 7M-1250S/3P1250 | 7M-1250S/4P1250 |
| | H 65kA | 800 | 7M-1250H/3P800 | 7M-1250H/4P800 |
| | | 1000 | 7M-1250H/3P1000 | 7M-1250H/4P1000 |
| | | 1250 | 7M-1250H/3P1250 | 7M-1250H/4P1250 |
| | G 85kA | 800 | 7M-1250G/3P800 | 7M-1250G/4P800 |
| | | 1000 | 7M-1250G/3P1000 | 7M-1250G/4P1000 |
| | | 1250 | 7M-1250G/3P1250 | 7M-1250G/4P1250 |
| **Frame H EBS7M-1600**  | S 50kA | 800 | 7M-1600S/3P800 | 7M-1600S/4P800 |
| | | 1000 | 7M-1600S/3P1000 | 7M-1600S/4P1000 |
| | | 1250 | 7M-1600S/3P1250 | 7M-1600S/4P1250 |
| | | 1600 | 7M-1600S/3P1600 | 7M-1600S/3P1600 |
| | H 65kA | 800 | 7M-1600H/3P800 | 7M-1600H/4P800 |
| | | 1000 | 7M-1600H/3P1000 | 7M-1600H/4P1000 |
| | | 1250 | 7M-1600H/3P1250 | 7M-1600H/4P1250 |
| | | 1600 | 7M-1600H/3P1600 | 7M-1600H/4P1250 |
| | G 85kA | 800 | 7M-1600G/3P800 | 7M-1600G/4P800 |
| | | 1000 | 7M-1600G/3P1000 | 7M-1600G/4P1000 |
| | | 1250 | 7M-1600G/3P1250 | 7M-1600G/4P1250 |
| | | 1600 | 7M-1600G/3P1600 | 7M-1600G/4P1600 |