

1. 適用範圍 / SCOPE

WE50 系列，適用於純電動汽車和混合動力汽車的全範圍分斷熔斷器。  
WE50 series, general purpose fuse for EV/HEV.



2. 產品型號 / TYPE

例「example」：

|      |      |      |                        |
|------|------|------|------------------------|
| WE50 | 100A | 500V | ① 系列號 / Series Number  |
| ↓    | ↓    | ↓    | ② 額定電流 / Rated Current |
| ①    | ②    | ③    | ③ 額定電壓 / Rated Voltage |

3. 額定電流和額定電壓 / RATED CURRENT AND RATED VOLTAGE

額定電流 / Rated Current: 60A~300A

額定電壓 / Rated Voltage: 500V DC

4. 標示 / MARKING

保險絲上需有下列標示/The fuses shall have the following marking

製造工廠的標識+系列號/ Manufacture's Logo+ Part Number:

額定電流+額定電壓/ Rated Current (A)+ Rated Voltage(V):

注意 / Note :

對標示的大小和位置沒有規定 / Size and position of the markings shall not be provided.



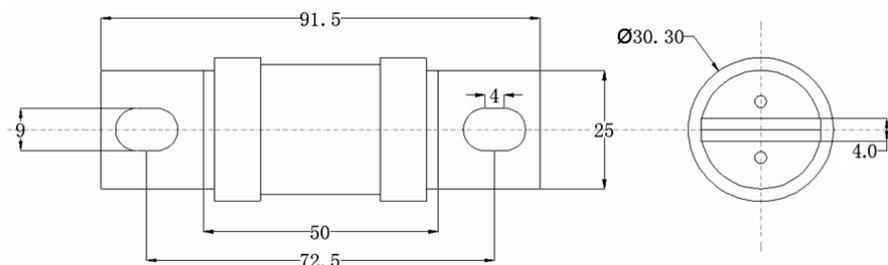
5. 外觀及形狀 / APPEARANCES AND CONFIGURATION

5-1 外觀：不應有破碎、明顯的污斑。

Appearances: There shall not be break up and any remarkable blotch.

6. 工程圖和結構 / OUTLINE DRAWING AND STRUCTURE

6-1 工程圖（單位：mm） / Outline Drawing and Dimensions (Unit: mm)



**7. 電氣特性 / ELECTRICAL CHARACTERISTICS**

| Electrical Characteristics |           |      |
|----------------------------|-----------|------|
| % of Ampere Rating (A)     | Operating |      |
|                            | Min       | Max  |
| 200%                       | 1s        | 300s |
| 300%                       | 0.2s      | 30s  |
| 500%                       | 0.1s      | 10s  |

**說明/Specifications**

| 品名<br>Type | 料號<br>Ordering P/N | 額定電流<br>Rated Current | 分斷能力<br>Interrupting rating |
|------------|--------------------|-----------------------|-----------------------------|
|            | WE50-XXX-CT        |                       |                             |
| WE50       | WE50-60-CT         | 60A                   | 500Vdc/20kA                 |
|            | WE50-70-CT         | 70A                   |                             |
|            | WE50-80-CT         | 80A                   |                             |
|            | WE50-90-CT         | 90A                   |                             |
|            | WE50-100-CT        | 100A                  |                             |
|            | WE50-125-CT        | 125A                  |                             |
|            | WE50-150-CT        | 150A                  |                             |
|            | WE50-175-CT        | 175A                  |                             |
|            | WE50-200-CT        | 200A                  |                             |
|            | WE50-250-CT        | 250A                  |                             |
|            | WE50-300-CT        | 300A                  | 500Vdc/10kA                 |

**備注：/Remark：**
**\*熔斷器隨溫度變化降額係數: -0.13%/°C**

Percentage of change in fuse current carry capability Change in ambient temperature : -0.13%/°C

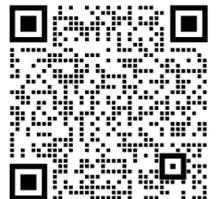
**\*溫升/ Temperature Rise：**

額定電流下小於等於 75K

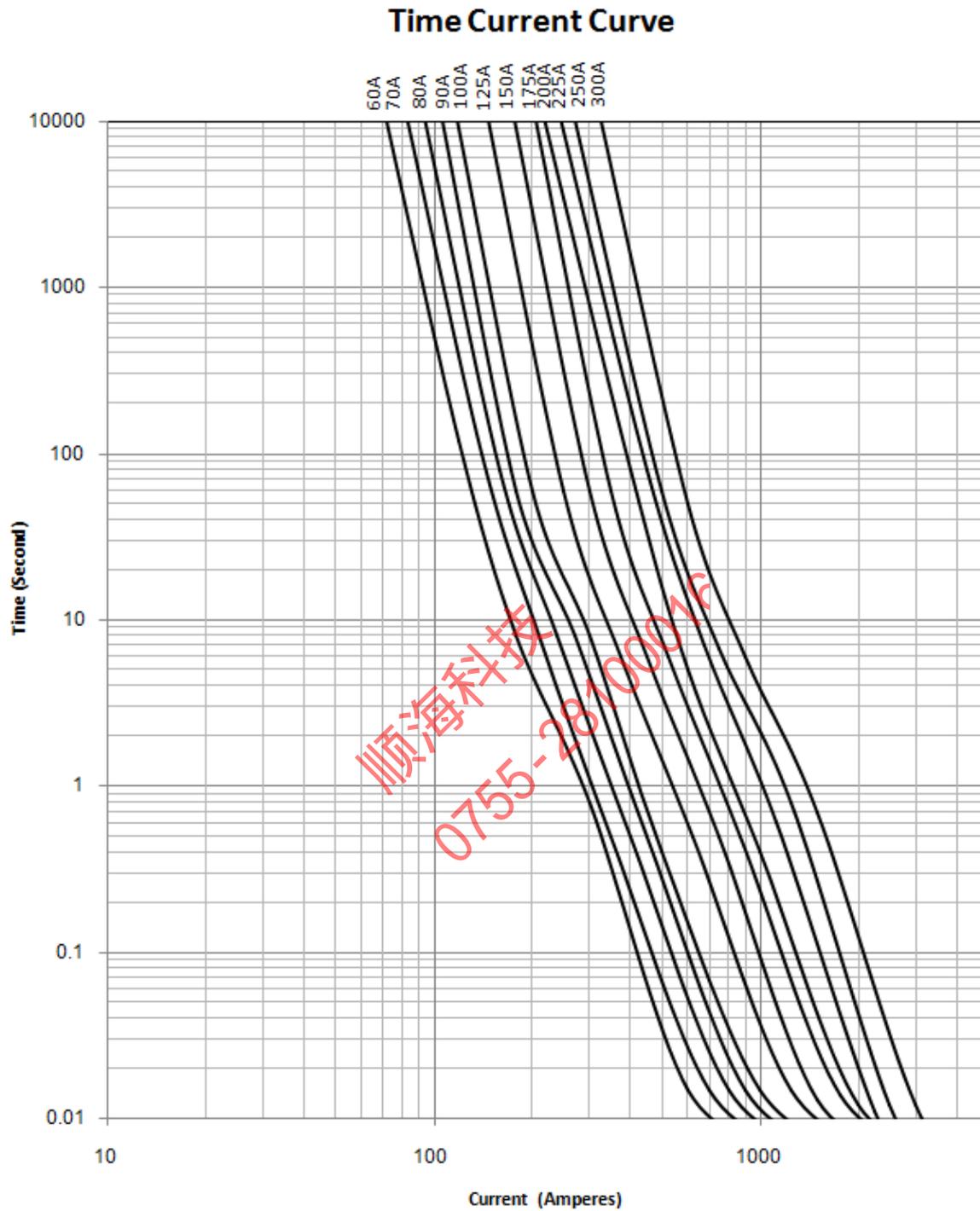
&lt;=75K with rated current

60%額定電流小於等於 45K

&lt;=45K with 60% of rated current 60%



## 8. 時間電流曲線 Time-Current Curve

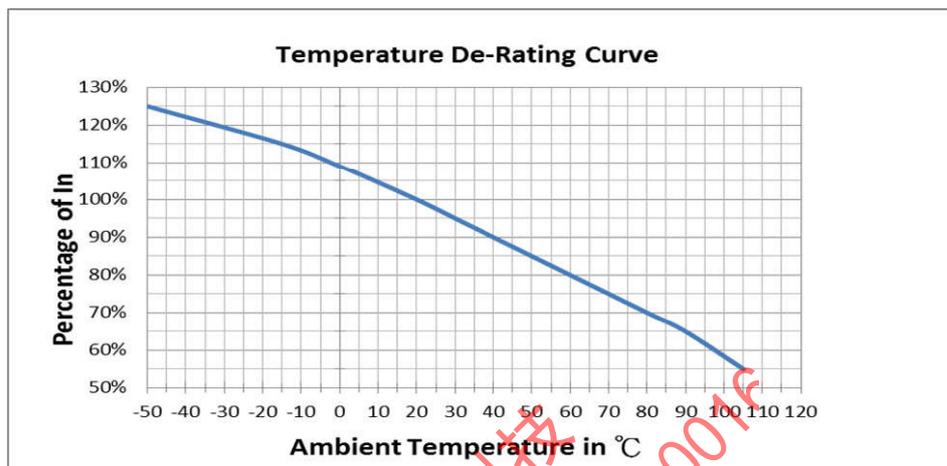


**9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC**
**9-1 操作溫度範圍: -55°C ~ 125°C / Operating Temperature: -55°C ~ 125°C**

若貴司操作環境溫度超出25±5°C範圍，在選用保險絲規格時，需考慮操作環境溫度對保險絲的影響。  
請參照：溫度-電流曲線圖。

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from 20~30°C, you should consider the environmental temperature's affection to fuses.

Please refer : Temperature-Current curve:


**9-2 存儲條件 / Storage Conditions**

在溫度+10°C ~ 60°C、相對濕度≤75%的密閉條件下可存放 3 年。

Under airtight in temperature+10°C ~ 60°C、relative humidity ≤75% can store 3 years.

在溫度+10°C ~ 60°C、相對濕度為 95%的非露天下最多可存放 30 天。

Without dew in temperature+10°C ~ 60°C、relative humidity be 95% maximum value for 30days.

**10. 安裝方式及條件 / INSTALLATION WAY AND PARAMETERS**
**10-1 螺栓安裝,提供其他安裝方式選擇**

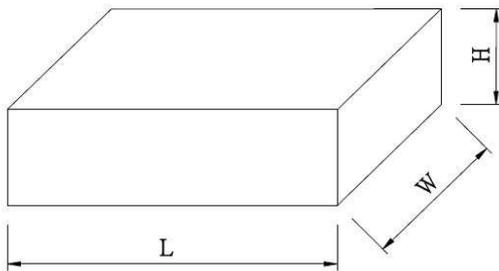
Stud-mount, optional for other installtion

**11. 安全認證及編號 / STANDARDS AND APPROVALS**

|     |                           |
|-----|---------------------------|
| UR  | E483392 (30A~400A JDYX2 ) |
| CUR | E483392 (30A~400A JDYX8 ) |

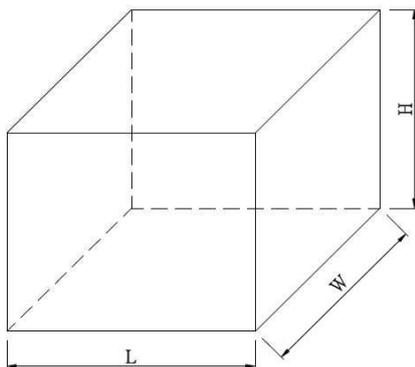
**12. 包裝及數量 / Packing and Quantity**
**12-1 數量/Quantity**

| 規格<br>Specification | 內盒 / Inner box . | 外箱 / Outer carton |
|---------------------|------------------|-------------------|
| WE50-XXX-CT         | 1PCS             | 129PCS            |

**12-2 內盒 / Inner box**


單位/Unit : mm

| 規格/Specification | L    | W    | H    |
|------------------|------|------|------|
| WE50-XXX-CT      | 31±5 | 31±5 | 92±5 |

**12-3 外箱 / Outer carton**


單位/Unit : mm

| 規格/Specification | L     | W     | H     |
|------------------|-------|-------|-------|
| WE50-XXX-CT      | 380±5 | 245±5 | 200±5 |


**13.其他 / OTHERS**

13-1 如果在使用中有超出本規格書的要求，必須經由雙方協商確認。

In the event that an impropriety is found beyond this specification, it shall be fixed by mutual agreement between the parties.

13-2 如果本規格書有不適當的情況，必須通過雙方協商並由本公司修改。

In the event that an impropriety is found in this specification, WALTER ELECTRONIC CO., LTD. shall amend it by mutual agreement between the parties.

| 版次  | 製作  | 確認  | 審核     |
|-----|-----|-----|--------|
| 第二版 | 侯愛珍 | 吳讓彬 | Andrew |

# JFHR8.E483392 - SPECIAL-PURPOSE FUSES CERTIFIED FOR CANADA - COMPONENT

## Special-purpose Fuses Certified for Canada - Component

See General Information for Special-purpose Fuses Certified for Canada - Component

### SUZHOU WALTER ELECTRONIC CO LTD

E483392

NO.99 Xinli Road

Fenhu Technic Development Zone

Wujiang, Jiangsu 215211 CHINA

**Capacitor fuse**, Model(s) WHCT, WHEET, WHET, WHFM, WHFMM, WLCT, WLET, WLMMT, WLMT

**Fuses, for protection of semiconductor device**, Model(s) HV110, HV110.PV followed by 0.1 thru 32, followed by AP or BP or CP or TH or blank

**Fuses, for protection of semiconductor device**, Model(s) WH60

**Fuses, for protection of semiconductor device**, Model(s) WL10, followed by 0.1 thru 50, followed by AP or BP or CP or TH or blank

**Fuses, for protection of semiconductor device**, Model(s) WL20 followed by 0.1 thru 50, followed by AP or BP or P1 or I or blank

**Fuses, for protection of semiconductor device**, Model(s) WL25 followed by 0.1 thru 32, followed by AP or BP or CP or P1 or blank

**Fuses, for protection of semiconductor device**, Model(s) WL30 followed by 0.1 thru 32, followed by AP or BP or P1 or I or blank

**Fuses, for protection of semiconductor device**, Model(s) WL35, followed by 0.1 thru 50, followed by AP or BP or CP or TH or blank

**Fuses, for protection of semiconductor device**, Model(s) WL40 followed by 0.1 thru 32, followed by AP or BP or CP or P1 or blank

**Fuses, for protection of semiconductor device**, Model(s) WL50 followed by 0.1 thru 32, followed by AP or BP or I or P1 or blank

**Semiconductor Fuse**, Model(s) WD22, followed by -100 thru -400, and may followed by M8, M10, CT or blank

**Semiconductor Fuse**, Model(s) WD25, followed by -100 thru -400, and may followed by M8, M10, CT or blank.

**Semiconductor Fuse**, Model(s) WD35, followed by -100 thru -400, and may followed by M8, M10, CT or blank

**Semiconductor Fuse**, Model(s) WD38, followed by -100 thru -400, and may followed by M8, M10, CT or blank; followed by -300 thru -630, followed by VT.

**Semiconductor Fuse**, Model(s) WD60, followed by -100 thru -400, followed by BT, CT, CTB, M8, M10 or blank; followed by -300 thru -700, followed by VT, followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WD63, followed by -100 thru -400, followed by BT, CT, CTB, M8, M10 or blank; followed by -300 thru -700, followed by VT, followed by M8, M10 or blank.

**Semiconductor Fuse**, Model(s) WE30, followed by -50 thru -200, and may followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WE35, followed by -50 thru -200, and may followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WE38, followed by -50 thru -200, and may followed by M8, M10 or blank.

**Semiconductor Fuse**, Model(s) WE40, followed by -50 thru -200, and may followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WE50, followed by -30 thru -400, followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WE53, followed by -30 thru - 400, followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WE55, followed by -30 thru - 400, followed by M8, M10 or blank

**Semiconductor Fuse**, Model(s) WH25, followed by -5 thru -80, and may followed by M6, M8 or blank

**Semiconductor Fuse**, Model(s) WH28, followed by -5 thru -80, and may followed by M6, M8 or blank.

**Semiconductor Fuse**, Model(s) WH30, followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

**Semiconductor Fuse**, Model(s) WH33, followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

**Semiconductor Fuse**, Model(s) WH40, followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

**Semiconductor Fuse**, Model(s) WH42, followed by -5 thru - 100, followed by A, M6, M8, M8L or blank

**Semiconductor Fuse**, Model(s) WH62, followed by -5 thru -200, and may followed by A, M6, M8, M8L or blank

**Special Purpose Fuse**, Model(s) WM70, followed by ampere 0.1-63 and may followed by suffix P, BT or Blank

**Special Purpose Fuses**, Model(s) LFC, LFP

@ - followed by 0.1 thru 32, followed by AP or BP or CP or TH or blank.

Marking: Company name or trademark  , model designation and the Recognized Component Mark for Canada,  .

Last Updated on 2019-09-12

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