

## 500VDC General Purpose Fuse for EV/HEV KEV1845 500VDC Series

### Description 描述

- ▶ General purpose fuse for EV/HEV用于純電動汽車和混合動力汽車的全範圍分斷熔斷器
- ▶ Stud-mount, optional for other installtion 螺栓安裝, 提供其他安裝方式選擇
- ▶ 500Vdc ideal for EV or HEV application 專為純電動汽車和混合動力汽車設計的500V直流熔斷器
- ▶ Excellent DC performance 卓越的直流分斷能力
- ▶ Special designed fuse base for vehicle situation 提供專為汽車惡劣環境特殊定制的熔斷器底座



Electrical Characteristics		
%of Ampere Rating (A)	Operating(s)	
	Min	Max
110%	14400	-
200%	1	300
300%	0.2	30
500%	0.1	10

### Ordering PN Description/訂購料號說明

KEV1845	-100	-M8
Series No. 系列號	AMP Rating 額定電流	Type&Assembly code 類型和安裝方式

### Type & Assembly code/類型和安裝方式代碼:

“M6” means Single and M6 bolt installation

“M6” 代表單體和M6螺栓安裝

“M8” means Single and M8 bolt installation

“M8”代表單體和M8螺栓安裝

“HT” means horizontal twins and M10 bolt installation

“HT”代表平鋪雙拼和M10螺栓安裝

“VT” means vertical twins and M8 bolt installation

“VT”代表垂直雙拼和M8螺栓安裝

### Specifications 電氣特性

Type 類型	Ordering P/N 訂購料號	Rated Current 額定電流(A)	Rated Voltage 額定電壓(VDC)	Breaking Capacity 分斷能力(A)	I <sup>2</sup> t(A <sup>2</sup> S)
Single 單體	KEV1845-10-XX	10	500V	10000	195
	KEV1845-15-XX	15			340
	KEV1845-20-XX	20			800
	KEV1845-25-XX	25			1250
	KEV1845-32-XX	32			1500
	KEV1845-35-XX	35			1800
	KEV1845-40-XX	40			3200
	KEV1845-50-XX	50			6250
	KEV1845-60-XX	60			9000
	KEV1845-70-XX	70			12250
	KEV1845-80-XX	80			16000
	KEV1845-100-XX	100			25000
	KEV1845-125-XX	125			39000
	KEV1845-150-XX	150			56250
Twins 雙拼	KEV1845-150-YY	150	10000	10000	59500
	KEV1845-175-YY	175			89000
	KEV1845-200-YY	200			120000
	KEV1845-225-YY	225			150000
	KEV1845-250-YY	250			187500

- ▶ Percentage of change in fuse current carry capability Change in ambient temperature 熔斷器隨溫度變化降額系數: -0.13%/°C

\*Temperature Rise 溫升: ≤75K with rated current 額定電流下小於等於75K(single only/僅用於單體)

≤45K with 60% of rated current 60%額定電流小於45K

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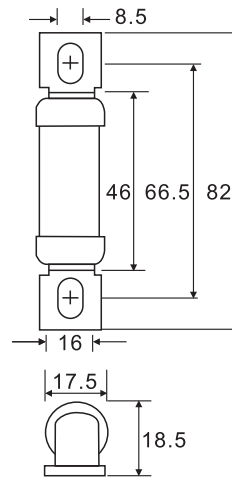
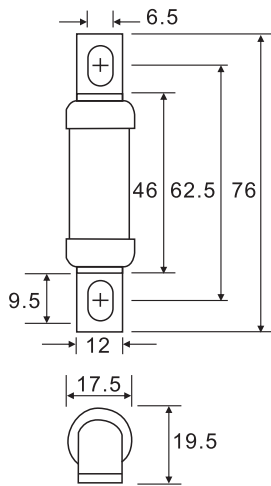
Dimension (mm)尺寸

Single 單體

(安裝端子厚度均為2mm)

Type & Assembly code:M6  
 類型和安裝方式代碼:M6

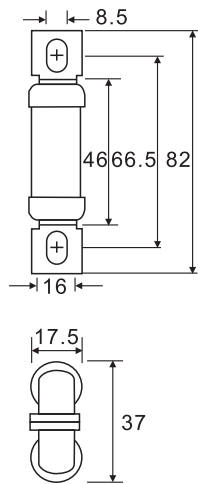
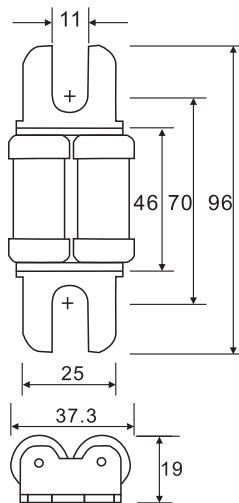
Type & Assembly code:M8  
 類型和安裝方式代碼:M8



Twins 雙拼

Type & Assembly code : HT  
 類型和安裝方式代碼：HT

Type & Assembly code : VT  
 類型和安裝方式代碼：VT



Time-Current Curve时间电流曲线

