

SPECIFICATION

規格書

■ 產品型號 / Type Number :

WJ30-4+WJ30H

■ 產品描述 / Type Description :

Fuse + Holder

1. 適用範圍 / SCOPE

WJ30 系列，太陽電池發電系統、工業及設備等的過電流保護應用

WJ30 series, used in Solar、Industrial、Equipment and so on Applications for over-current protection ..

2. 產品型號 / TYPE

例「example」：

WJ30	20A	1500V	
↓	↓	↓	↓
①	②	③	④

①系列號 / Series Number

②額定電流/ Rated Current

③額定電壓/ Rated Voltage

④確認符號 / Approved Symbol

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

額定電流 / Rated Current: 4A~30A

額定電壓 / Rated Voltage: 1500V 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):

認證符號/ Approved Symbol

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.



WJ30
____A 1500VDC
gPV IR 10KA

5. 外觀及形狀 / APPEARANCES AND CONFIGURATION

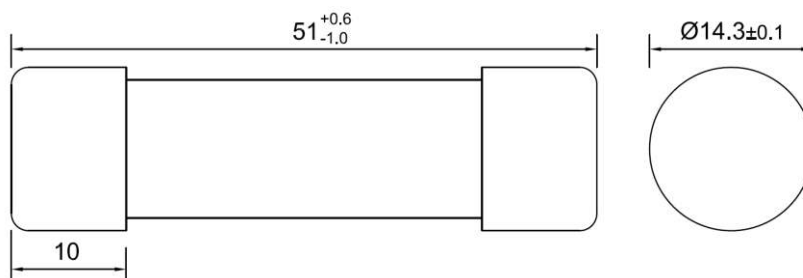
5-1 外觀：不應有破碎、明顯的污斑。

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)

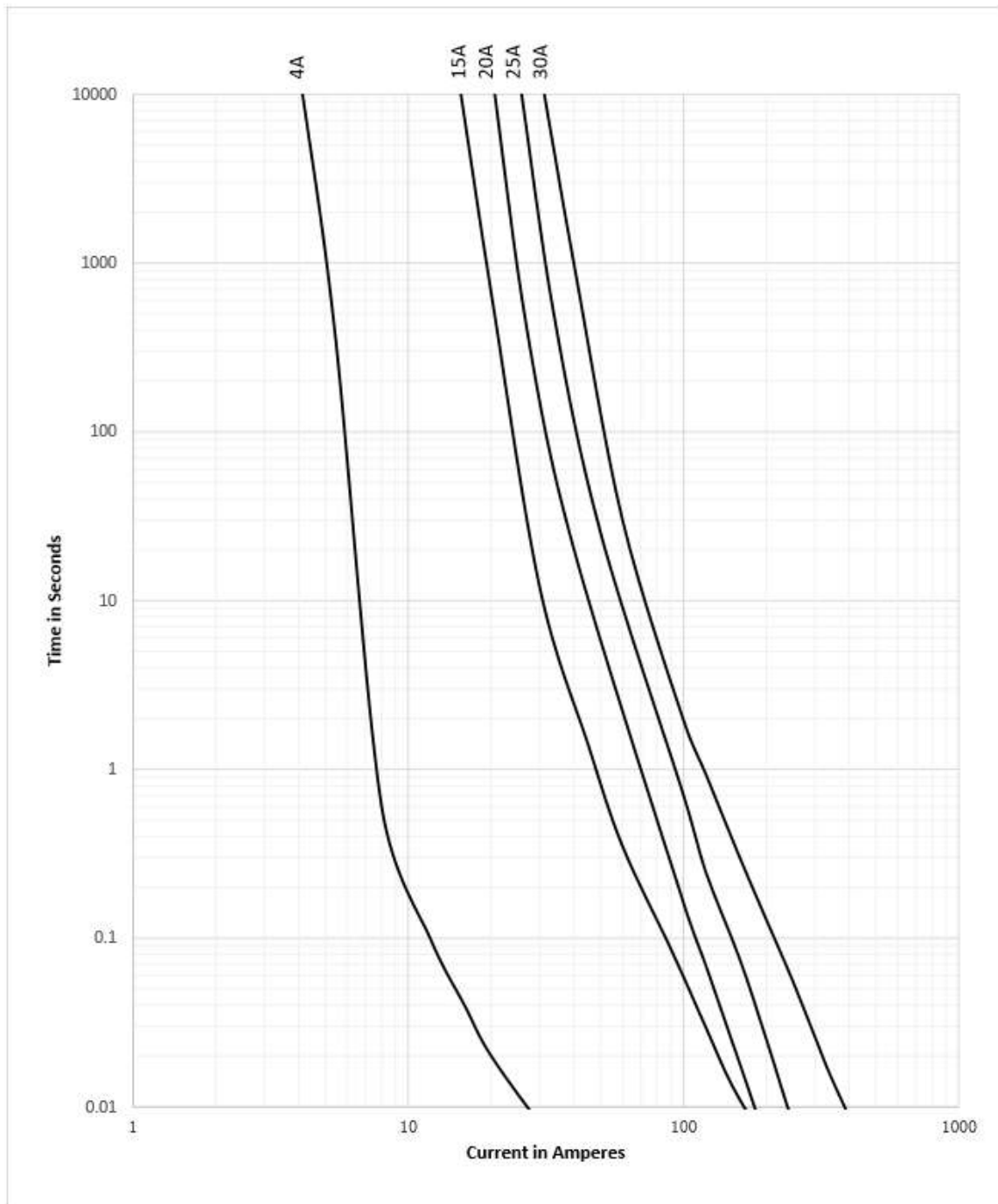
WJ30-XXX:



7. 電氣特性 / ELECTRICAL CHARACTERISTICS

品名 Type	料號 Ordering P/N	額定電流 Rated Current	額定電壓 Rated Voltage	分斷能力 Breaking Capacity	I2t 值 Energy Integrals I2t (A2S)		功耗 Power Loss(W)		
	WJ30-XXX	(A)	DC	DC	Pre-Arcing @10kA	Total at 1500Vdc/10kA	0.7In	0.8In	1.0In
WJ30	WJ30-4	4A	1500V	10KA	8	60	0.9	1.25	2.2
	WJ30-15	15 A			310	900	1.6	2.3	3.9
	WJ30-20	20 A			200	340	2.4	3.5	6.1
	WJ30-25	25 A			295	400	2.75	3.8	7.0
	WJ30-30	30 A			380	450	2.95	3.85	7.3

8. 時間電流曲線 Time-Current Curve



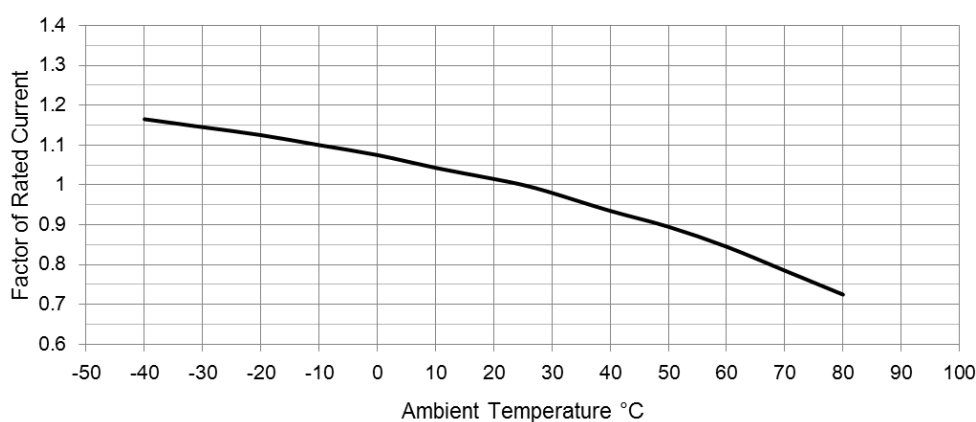
9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

9-1 操作溫度範圍: -40°C ~ 125°C / Operating Temperature: -40°C ~ 125°C

若貴司操作環境溫度超出 $25\pm 5^{\circ}\text{C}$ 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 $20\sim 30^{\circ}\text{C}$, 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 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度 $\leq 75\%$ 的密閉條件下可存放 3 年。

Under airtight in temperature $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、relative humidity $\leq 75\%$ can store 3 years.

在溫度 $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、相對濕度為 95% 的非露天下最多可存放 30 天。

Without dew in temperature $+10^{\circ}\text{C} \sim 60^{\circ}\text{C}$ 、relative humidity be 95% maximum value for 30days.

10. 安全認證及編號 / STANDARDS AND APPROVALS

WJ30	cULus	E483391 (4~30A JFGA/JFGA7)
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11. WJ30H 保險絲座 / WJ30H FUSE HOLDER

11-1. 適用範圍 / Scope

WJ30H 系列，光伏保險絲底座。

WJ30H series, Fuse Holder for PV Fuses

11-2. 產品描述/Description

底座最大可用於額定 1500Vdc 太陽能光伏保險絲。

Agency ratings up to 1500Vdc for use with solar PV fuses.

額定使用在 75°C 或 90°C 的導線、細股線、鏟形端子及梳形母線。

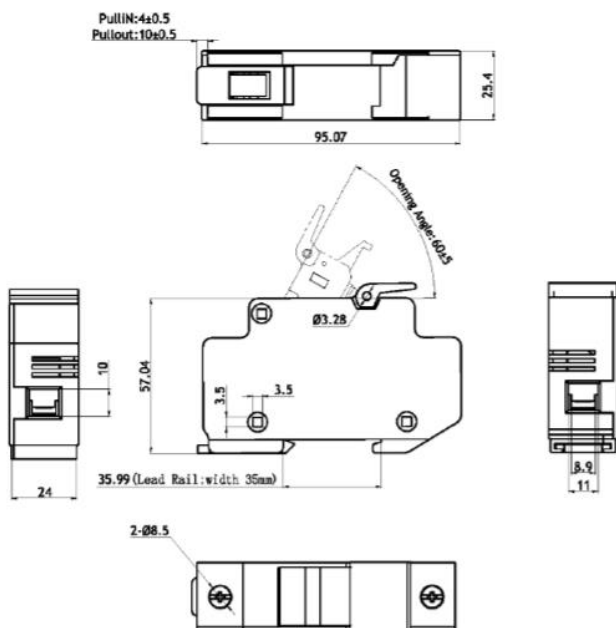
使用任何更高的額定溫度線適當降級。

Rated for use with 75°C or 90°C wire, fine stranded wire, spade terminals and comb-bus bars. Use any higher temperature rated wire with appropriate derating.

符合 UL 4248-19 / Designed to UL 4248-19

符合環保 / Lead Free and Halogen free material

11-3. 工程圖和結構 / Outline Drawing And Structure



PRINTING :

DDRH-WJ30-4-H

75/90°C CU ONLY

75/90°C QUE DES CU

Wire Range: 4-14AWG

Gamme De Fils: 4-14AWG

Use Photovoltaic (PV) Fuses

Utiliser des fusibles photovoltaïu

DO NOT OPEN UNDER LOAD

NE PAS UTILISER SOUS CHARGE

Torque: 2.5-3.0Nm

Couple: 2.5-3.0Nm



WJ30H

30A, 1500Vdc, 10kA



11-4. 产品特性/ Product characteristics

Voltage & Current :	1500VDC, 30A
Terminal Rating :	Solid, Stranded, Fine Stranded, Spade Lug, Comb Bus Bar ; Single and Dual Wire ; 75 °C and 90°C Cu wire
SCCR Rating :	UL 10KA / 1500Vdc
Fuse :	14x51 mm Cylindrical fuse
Wire Range:	AWG14 to AWG4
Flammability Ratings :	UL 94-V0
Storage & Operating Temperature Range :	-20°C to +120°C (It' s not recommended, but the holder will work well under -40°C without damage)

11-5. 安全認證及編號 / STANDARDS AND APPROVALS

WJ30H	cUL	E484758 (IZMR)
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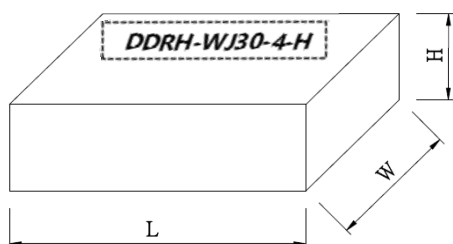
12. 包裝及数量 / Packing And Quantity

12-1 数量/ Quantity

规格 Specification	小内盒 / small Inner box	内盒 / Inner box	外箱 / Outer carton
WJ30-4+WJ30H	1PCS	10PCS	120PCS

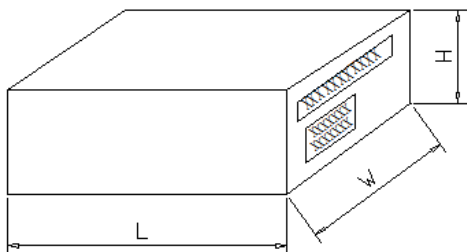
單位/Unit : mm

12-2 小内包装盒/small Inner box of packing



规格/Specification	L	W	H
WJ30-4+WJ30H	98±5	27±5	63±5

12-3 內包裝盒/Inner box of packing



單位/Unit : mm

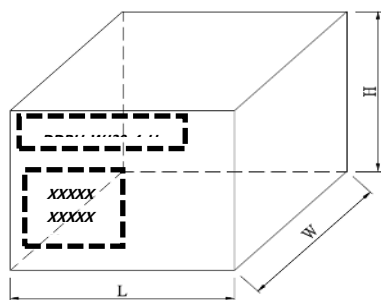
规格/Specification	L	W	H
WJ30-4+WJ30H	289±5	105±5	71±5

(小)内包装标签/Inner box of Marking Part :

DDRH-WJ30-4-H

 SUZHOU WALTER ELECTRONIC CO., LTD. 	
I. R. V AG KA	
认证符号	
TYPE: WJ30-4+WJ30H	DRAFT:
Q'TY: 10 PCS	LEADS:
LOT NO. :	STANDARD:
DDRH-WJ30-4-H	

12- 4 外包裝箱/Outer box of packing



單位/Unit : mm

规格/Specification	L	W	H
WJ30-4+WJ30H	445±5	300±5	235±5

外包装标签/Outer box of Marking Part :

DDRH-WJ30-4-H

 SUZHOU WALTER ELECTRONIC CO., LTD. 	
IEC: I. R. V AG A	
认证符号	
TYPE: WJ30-4+WJ30H	DRAFT:
Q'TY: 120 PCS	LEADS:
LOT NO. : (S)	STANDARD:
N. W: KGS G. W: KGS	
DDRH-WJ30-4-H	

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.