

# In-line Fuse 2

Renewable Energy | Solar Photovoltaics

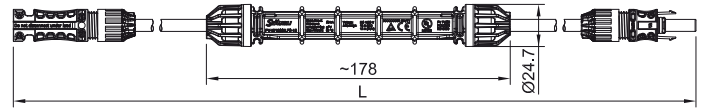
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## IN-LINE FUSES

# In-line Fuse PV-K/ILF2

PV-K/...ILF2-.../6E...UL



Technical data	
Connector system	MC4-Evo 2
Voltage rating	DC 1000 V or DC 1500 V
Test voltage	DC 1000 V Model: 6 kV (50 Hz, 1 min.) DC 1500 V Model: 8 kV (50 Hz, 1 min.)
Safety class	II
Overvoltage category Pollution degree	CATIII/3
Mating connectors Only genuine Stäubli connectors shall be used!	PV-KST4/... or PV-KBT4/... ("MC4"), PV-KBT4-EVO 2... or PV-KST4-EVO 2... ("MC4-Evo 2")
Rated current gPV	Various ampacity ratings available: DC 1000 V: 1 – 30 A DC 1500 V: 1 – 30 A; Please refer to the information on the product or packaging for details regarding the variant/model.
Ambient and storage temperature range	-40 °C to +50 °C
Transportation/storage relative humidity	< 70 %
Degree of Protection (IP)	Mated: IP65/IP68 (1 m, 1 h) Unmated: IP2X
Fire protection class	UL94:V-0
UL File number	E510009
TUV Rheinland certified acc. to 2PFG 2380/10.21	R60165686
Insulation material	PA
Contact material	Copper, tin plated
Max. contact resistance of the connector	< 0,2 mΩ

The In-line Fuse PV-K/ILF2 with a crimping connection guarantees a long-lasting, stable connection in comparison to conventional omega-style clips: Minimal energy loss, low heat generation. Robust housing, safety

class IP68. Cable cross-section 10 AWG/ 6 mm<sup>2</sup>. Other fuse ratings and configurations are available upon request (for example with a single connector, or no connectors).

Order No.	Type	UL4248-1 UL4248-19		2 PIG 2380/10.21		Lead length	Connector system	Approvals	
		DC V	A	DC V	A			L (cm)	UL
<b>32.0404-0062UL</b>	PV-K/1000ILF2-4/6E0062UL	1000	4	1000	4	62	MC4-Evo 2	x	x
<b>32.0405-0062UL</b>	PV-K/1000ILF2-5/6E0062UL	1000	5	1000	5	62	MC4-Evo 2	x	x
<b>32.0408-0062UL</b>	PV-K/1000ILF2-10/6E0062UL	1000	10			62	MC4-Evo 2	x	
<b>32.0410-0062UL</b>	PV-K/1000ILF2-15/6E0062UL	1000	15	1000	15	62	MC4-Evo 2	x	x
<b>32.0411-0062UL</b>	PV-K/1000ILF2-20/6E0062UL	1000	20	1000	20	62	MC4-Evo 2	x	x
<b>32.0413-0062UL</b>	PV-K/1000ILF2-30/6E0062UL	1000	30			62	MC4-Evo 2	x	
<b>32.0419-0064UL</b>	PV-K/1500ILF2-4/6E0064UL	1500	4	1500	4	64	MC4-Evo 2	x	x
<b>32.0420-0067UL</b>	PV-K/1500ILF2-5/6E0067UL	1500	5	1500	5	67	MC4-Evo 2	x	x
<b>32.0421-0067UL</b>	PV-K/1500ILF2-6/6E0067UL	1500	6	1500	6	67	MC4-Evo 2	x	x
<b>32.0423-0067UL</b>	PV-K/1500ILF2-10/6E0067UL	1500	10			67	MC4-Evo 2	x	
<b>32.0425-0067UL</b>	PV-K/1500ILF2-15/6E0067UL	1500	15	1500	15	67	MC4-Evo 2	x	x
<b>32.0427-0067UL</b>	PV-K/1500ILF2-20/6E0067UL	1500	20	1500	20	67	MC4-Evo 2	x	x
<b>32.0428-0067UL</b>	PV-K/1500ILF2-25/6E0067UL <sup>1)</sup>	1500	25			67	MC4-Evo 2	x	
<b>32.0429-0067UL</b>	PV-K/1500ILF2-30/6E0067UL <sup>1)</sup>	1500	30			67	MC4-Evo 2	x	

<sup>1)</sup> For PV-K/1500ILF2-25/6E0067UL and PV-K/1500ILF2-30/6E0067UL it is necessary to affix spacer ring PV-ILF-SR (included). Please see MA708 for more information.



Assembly instructions MA708

[www.staubli.com/electrical](http://www.staubli.com/electrical)



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