

Fuse Base for PV System

ET3K®

Standard_IEC60269-6

Technical Data

Model							
	EKF1-10PV-10 EKF1-10XPV-10		EKF1-10PVH-10 EKF1-10XPVH-10		EKF1-15PV-10L	EKF1-15PV-14L	
Rated Voltage	1000VDC					1500VDC	
Rated Current	32A					35A	50A
Size of Fuse Link	10x38mm					10x85mm	14x85mm
Class of Operation	gPV					gPV	
Mechanical Life	500					500	
Product Width	18mm					22mm	
Tightening Torque	2.5Nm 14In-lbs					2.5Nm 14In-lbs	
Terminal size for Cable	6mm ² 8-18AWG					10mm ² 6-18AWG	
Ambient temperature (with daily average≤35°C)	-5°C~+40°C						
Storage Temperature	-25°C~+70°C						
Standard:	IEC60269-6						
Mounting	On DIN rail EN60715(35mm) by means of fast clip device						

Product Selection Guide

EKF1-10(X)PV-10	
EK	Company Code
F	Fuse Base
1	Design No.
10	DC Voltage Grade (10: 1000VDC, 15: 1500VDC)
X	Blank: Without Lamp, X : With Lamp
PV	For Solar DC system, PV: General type, PVH: High encloser type (for EKF1-10PVH-10 new type only)
10	Fitting to Size of Fuse link (10: for 10x38mm 1000V, 10L: for 10x85mm 1500V, 14L: for 14x85mm 1500V)

Reference No.	DC Voltage Grade	Size of Fuse Link	Current Rating for Fuse Link
EKF1-10(X)PV-10	1000VDC	10x38mm	2,3,4,5,6,8,10,12,15,16,20,25,30,32A
EKF1-10(X)PVH-10	1000VDC	10x38mm	2,3,4,5,6,8,10,12,15,16,20,25,30,32A
EKF1-15PV-10L	1500VDC	10x85mm	2,3,4,5,6,8,10,12,15,16,20,25,30,32,35A
EKF1-15PV-14L	1500VDC	14x85mm	25,30,32,35,40,45,50A

Fuse Link for PV System

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Technical Data

Model			
	EKFL10D10	EKFL15D10L	EKFL15D14L
Size	10x38mm	10x85mm	14x85mm
Rated Voltage	1000VDC	1500VDC	1500VDC
Rated Current	2-32A	2-35A	25-50A
Class of Operation	gPV	gPV	gPV
Breaking capacity	50KA	50KA	50KA
Standard:	IEC60269-6		

Product Selection Guide

EKFL-10D10L16	
EK	Company Code
FL	Fuse Link
10	DC Voltage Grade (10:1000VDC,15:1500VDC)
D	For Solar DC system
10L	Size of Fuse link (10: 10x38mm 1000V, 10L: 10x85mm 1500V, 14L: 14x85mm 1500V)
16	Current Rating (01,02...40,50A)

Current Rating	Reference No. for Fuse Link		
	Voltage Grade and Size of Fuse Link		
	EKFL10D10	EKFL15D10L	EKFL15D14L
	1000VDC	1500VDC	1500VDC
	10x38mm	10x85mm	14x85mm
2A	EKFL10D1002	EKFL15D10L02	
3A	EKFL10D1003	EKFL15D10L03	
4A	EKFL10D1004	EKFL15D10L04	
5A	EKFL10D1005	EKFL15D10L05	
6A	EKFL10D1006	EKFL15D10L06	
8A	EKFL10D1008	EKFL15D10L08	
10A	EKFL10D1010	EKFL15D10L10	
12A	EKFL10D1012	EKFL15D10L12	
15A	EKFL10D1015	EKFL15D10L15	
16A	EKFL10D1016	EKFL15D10L16	
20A	EKFL10D1020	EKFL15D10L20	
25A	EKFL10D1025	EKFL15D10L25	EKFL15D14L25
30A	EKFL10D1030	EKFL15D10L30	EKFL15D14L30
32A	EKFL10D1032	EKFL15D10L32	EKFL15D14L32
35A		EKFL15D10L35	EKFL15D14L35
40A			EKFL15D14L40
45A			EKFL15D14L45
50A			EKFL15D14L50

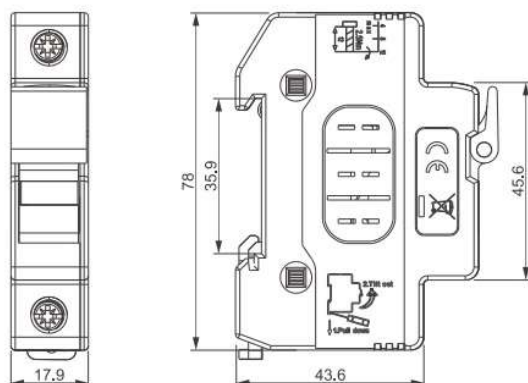
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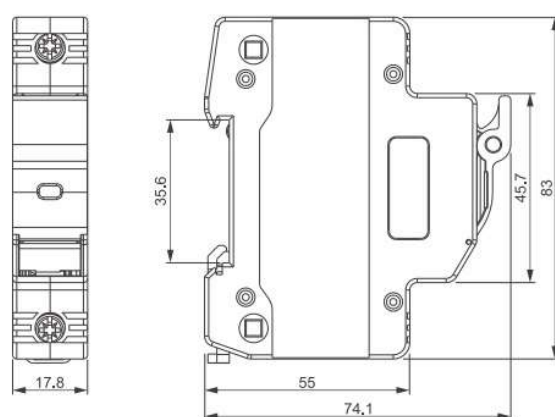
Standard_IEC60269-6

Overall and Installation Dimension(mm)

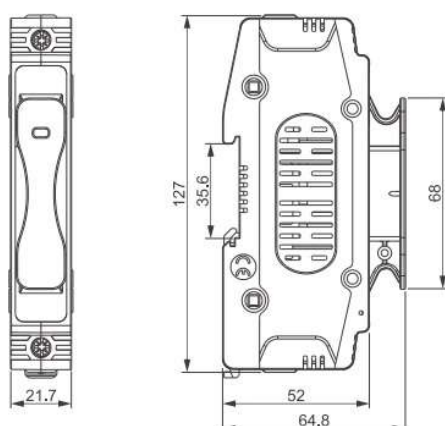
EKF1-10(X)PV-10



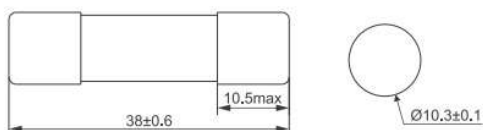
EKF1-10(X)PVH-10



EKF1-15PV-10L/EKF1-15PV-14L



EKFL10D10



EKFL15D10L



EKFL15D14L

