

PVS-R fast-acting, UL Listed 600 Vac/dc PV fuses

RoHS

**Catalog symbol:**

- PVS-R-(amp)

Description:

Eaton's Bussmann series PVS-R PV fuses are a range of UL 248-19 fast-acting 600 Vdc Class RK5 fuses specifically designed for the protection and isolation of solar power systems in extreme ambient temperature, high cycling and low level fault current conditions (reverse current, multi-array fault). Application is simplified by using standard Class R fuse blocks and holders.

Specifications:**Ratings**

- Volts
 - 600 Vac to UL 248-12
 - 600 Vdc to UL 248-19
- Amps 20 - 400 A
- IR
 - 200 kA RMS Sym. AC
 - 20 kA DC (20-60 A)
 - 10 kA DC (70-400 A)

Agency information

- UL® Listed 248-19, Guide JFGA, File E335324
- CSA® Component Certified C22.2
- RoHS compliant

Catalog numbers (amps)

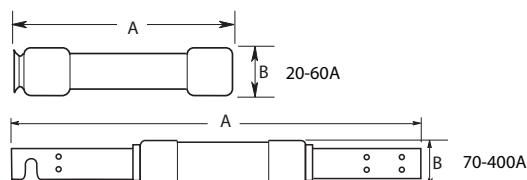
PVS-R-20	PVS-R-40	PVS-R-80	PVS-R-150	PVS-R-250
PVS-R-25	PVS-R-50	PVS-R-90	PVS-R-175	PVS-R-300
PVS-R-30	PVS-R-60	PVS-R-100	PVS-R-200	PVS-R-350
PVS-R-35	PVS-R-70	PVS-R-125	PVS-R-225	PVS-R-400

Carton quantity and weight

Amp ratings	Carton qty.	Weight - Lbs. (kg)
20-30	10	1.45 (0.66)
35-60	10	3.35 (1.52)
70-100	1	0.40 (0.18)
125-200	1	1.08 (0.49)
225-400	1	2.25 (1.02)

Dimensions - in (mm)

Amp range	A	B
20-30	5.0 (127)	0.81 (21)
35-60	5.5 (140)	1.06 (27)
70-100	7.88 (200)	1.34 (34)
125-200	9.63 (245)	1.84 (47)
225-400	11.63 (295)	2.38 (61)

**Power loss (watts)**

Catalog no.	Amp rating	Power Loss (Watts)	
		$0.8 \times I_n$	$1.0 \times I_n$
PVS-R-30	30 A	2.3	4.0
PVS-R-60	60 A	5.0	8.8
PVS-R-100	100 A	7.6	13.6
PVS-R-200	200 A	19.7	28.5
PVS-R-350	350 A	24.6	43.5

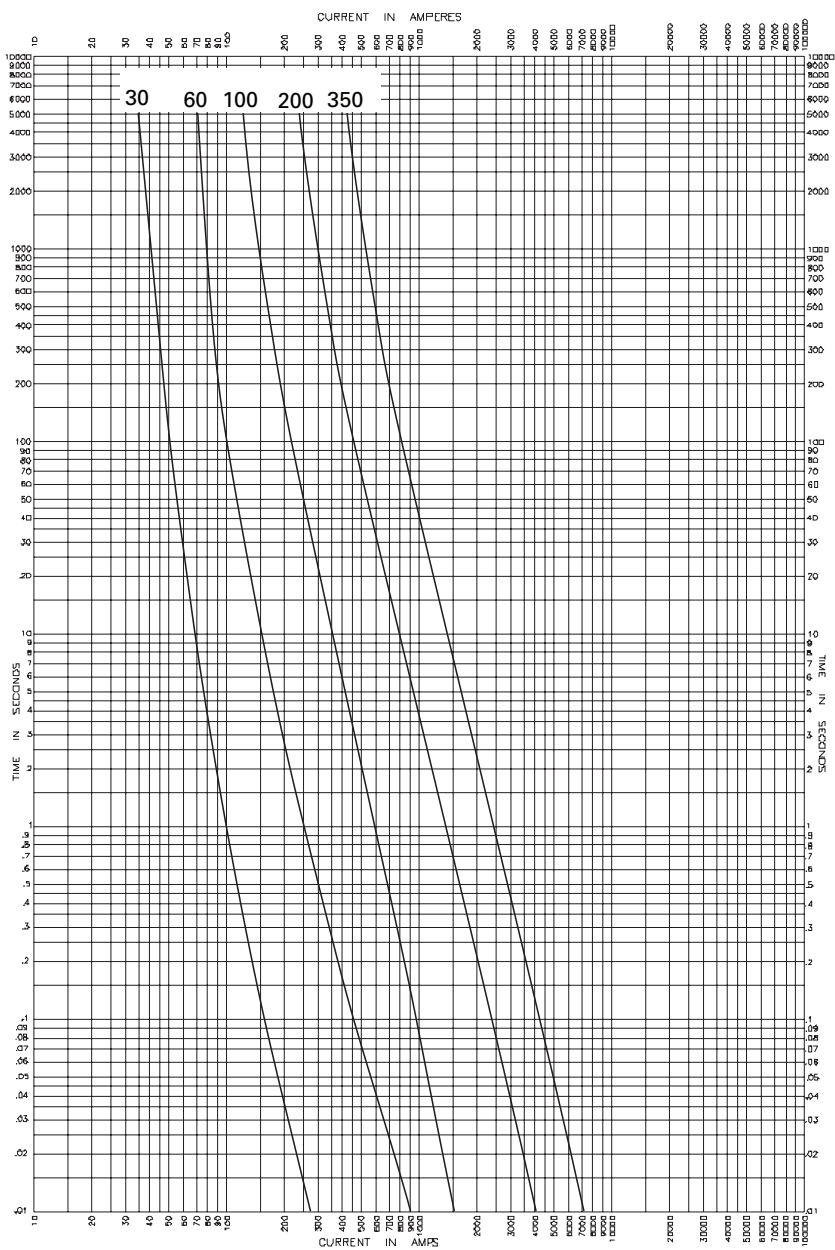
Typical applications

- Combiner/recombiner boxes
- Solar DC safety switches

Recommended fuse blocks / gear

Catalog symbol	Document no.
RM600_ (20-60 A)	Data sheet 10289
RM60_ (70-400 A)	Product brochure 3192
BD_ (DC safety switch)	Data sheet 1162

Time-current characteristics curves — average melt:



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