RoHS ELV UL standard

EVFC(φ10.3)

Fuses to protect auxiliary system circuits such as electric compressors and DC/DC converters

PEC
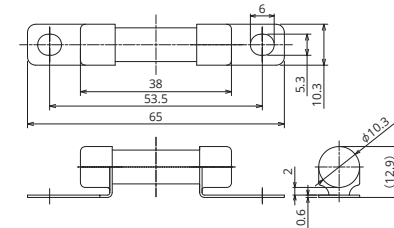Timeless Insight, New Mobility

EVF

General Specification

Rated Voltage	DC500V
Breaking Capacity	20000A
Recommended Operating Temp.	-40°C~100°C*²
Standard	—
Country of Origin	Japan
Plating	Tin plating
Standard Packaging	240
Insertion Force	—
Pull-out Load	—
Recommended Torque	(4.5±1.0)N·m

*2 Please contact us for the details of operating temperature.

Dimensions

Product Lineup

Ampere Rating(A)	Part Number	Bolt Size	Diameter	Resistance Value	Voltage Drop*¹
15	2789	M5	φ10.3	14.3 mΩ	107 mV
20	2790			10.6 mΩ	112 mV
30	2791			3.4 mΩ	55 mV
40	2792			2.2 mΩ	50 mV
50	2683			1.7 mΩ	47 mV

*1 Voltage drop: apply 50% of the rated current.
*In case a product other than the ones published in the document is desired, please contact us.

Time-Current Characteristic

% of Ampere Rating(A)	Operating Time	
	Min	Max
110%	4hrs.	—
135%	300sec.	3600sec.
200%	5sec.	100sec.
300%	0.5sec.	15sec.
500%	—	1sec.

*The fuse characteristic may change depending on the conditions of use.

Time-Current Characteristic Chart