

SIKRINGER FOR DC ELBIL/BATTERISYST.

MEV100 / EVpack

MEV100C15

EVpack sikring 15 A 1000 V DC 10x38 mm

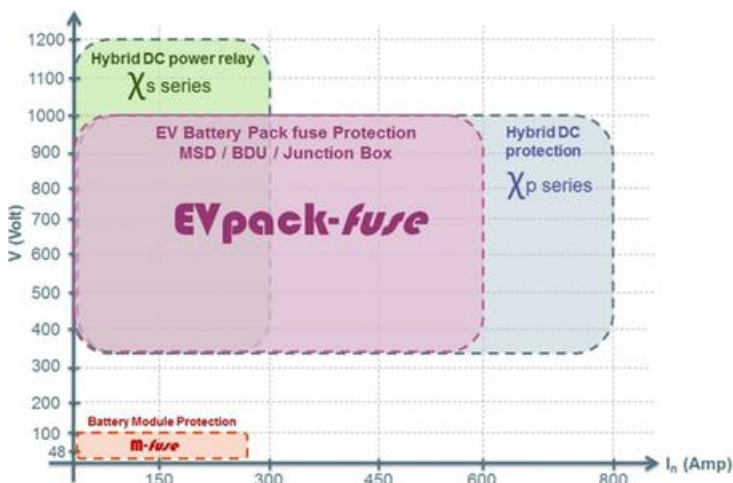
- Designet for EV / batterisyst
- 10x38 mm eller blad
- <1000 V DC / 600 A



PRODUKTBESKRIVELSE

EVpack sikringer fra Mersen er utviklet for å imøtekomme spesifikke behov innen EV / HEV og elektrisk lagringssystem for batterier.

EVpack-sikring gir den ultimate beskyttelsen av batteripakken og tilbyr pålitelig tripping/utløsevilkår av DC feilstrømmer. Den er spesielt konstruert og testet for å gi DC-applikasjoner best-i-klassen beskyttelsesytelse: Opp til 1000VDC, Strømstyrke (I_n) = 8 til 600A, Avbruddsverdi (IR) = 20kA, L/R ≤1ms, Minimum Breaking Kapasitet (MBC) <3kA for perfekt matching med DC-kontaktor.



MEV100C Ferrule Fuse (8-30A)



Dimensions in mm

Catalogue number	Rated voltage DC (V)	Rated current I_n (A)	Rated breaking capacity DC	Power dissipation at 0.5% (W)	Min. breaking capacity (MBC)	Max. time to clear MBC	Packaging	Weight
MEV100C8	1000 V	8 A	20 kA	0.25 W	16 A	100 s	10	7.5 g
MEV100C10	1000 V	10 A	20 kA	0.32 W	20 A	100 s	10	7.5 g
MEV100C12	1000 V	12 A	20 kA	0.42 W	24 A	100 s	10	7.5 g
MEV100C15	1000 V	15 A	20 kA	0.63 W	30 A	100 s	10	7.5 g
MEV100C20	1000 V	20 A	20 kA	0.92 W	40 A	100 s	10	7.5 g
MEV100C25	1000 V	25 A	20 kA	1.1 W	50 A	100 s	10	7.5 g
MEV100C30	1000 V	30 A	20 kA	1.2 W	60 A	100 s	10	7.5 g

Article Number	A	B	C	D	E	F	G	H
MEV100A50-4 to 100-4 (inch. / mm)	4.38 111	1 25.4	2.88 73	3.69 93.6	3.5 88.9	0.31 7.9	0.75 19	0.13 3.2
MEV100A50-4Y to 100-4Y (inch. / mm)	4.38 111	1 25.4	2.88 73	3.69 93.6	3.5 88.9	0.35 9	0.75 19	0.13 3.2
MEV100A125-4 to 200-4 (inch. / mm)	4.38 111	1.22 31	2.88 73	3.69 93.6	3.56 90.5	0.31 7.9	1 25.4	0.19 4.8
MEV100A125-4Y to 200-4Y (inch. / mm)	4.38 111	1.22 31	2.88 73	3.69 93.6	3.56 90.5	0.35 9	1 25.4	0.19 4.8
MEV100A225-4 to 300-4 (inch. / mm)	5.09 129	1.5 38.1	2.84 72.2	4.16 106	3.53 89.7	0.4 10.3	1 25.4	0.25 6.4
MEV100J350 to 400 (inch. / mm)	7.13 181	2.13 54	3.38 85.9	5.81 137.2	5.25 129.5	0.41 10.4	1.63 41.4	0.25 6.4
MEV100J450 to 600 (inch. / mm)	8 203.2	2.5 63.5	3.75 95.3	6.19 157.2	5.81 147.6	0.53 13.5	2 50.8	0.38 9.7

Recommended Mounting Torque and Bolt Size

Fuse Type	Mounting Style	Fuse Rating	Thread Size	Tightening Torque	
				N-m	in-lbs
MEV100C	Surface mount (-S)	8 - 30A	1/4-20	4	50
		50 - 200A	5/16-18	10	90
MEV100A	Blade mount (-4)	225 - 300A	3/8-24	20	180
	Blade mount (-4Y)	50 - 200A	M8	13	115
MEV100J	Blade mount (-4)	350 - 400A	3/8-24	20	180
		450 - 600A	1/2-20	42	375