



FUSEHOLDERS FOR BRACKET STYLE CV3 FUSES

- MOUNTING IN ONE-POLE FUSEHOLDER
MAKING EASIER REPLACEMENT OF FUSES
FOR INSTALLATIONS CONNECTED
WITH CABLES AND BARS
- FOR BRACKET STYLE FUSES
BOLTED TIGHTENING
- "TRAC" MODELS
VERY HIGH COLLISION WITHSTANDING
FOR TRACTION
COMPLYING WITH IEC 77 STANDARD



MAIN CHARACTERISTICS

Fuseholders type and size	Insulation voltage U_i (AC 50/60 Hz & DC)	Current (A)	Dielectric withstand test		Fire and fumes class
			RMS voltage 1 mn 50/60 Hz	Impulse voltage 1.2/50µs	
SQ 70	2 500	215	18 kV	20 kV	—
SQ 70 BS TRAC	2 500	215	18 kV	20 kV	F ₁ M ₂ (NF 16 102) - UL 94 VO
SQ 72	2 500	400	18 kV	20 kV	—
SQ 72 BS TRAC	2 500	400	18 kV	20 kV	F ₁ M ₂ (NF 16 102) - UL 94 VO
SQ 2 x 72	2 500	840	18 kV	20 kV	—
SQ 2 x 72 BS TRAC	2 500	840	18 kV	20 kV	Ceramic insulator
SQ 120	2 500	215	18 kV	20 kV	—
SQ 122	2 500	420	18 kV	20 kV	—
SQ 2 x 122	2 500	900	18 kV	20 kV	Ceramic insulator
SQ 85 300	7 200	180	34 kV	40 kV	F ₁ M ₂ (NF 16 102) - UL 94 VO
SQ 85 302/2 x 302	7 200	400	34 kV	40 kV	
SQ 85 600	7 200	150	34 kV	40 kV	
SQ 85 602	7 200	375	34 kV	40 kV	
SQ 175 2 x 602	12 000	750	32 kV	40 kV	Ceramic insulator

No use limitation for FERRAZ fuses mounted in the above holders.

Vibrations withstanding :

Tests with sine vibrations carried out at ambient with scanning each of the three main axis of the holder.

Spectrum : 1st segment (2 to 16 Hz) constant trip $x = 5$ mm peak.

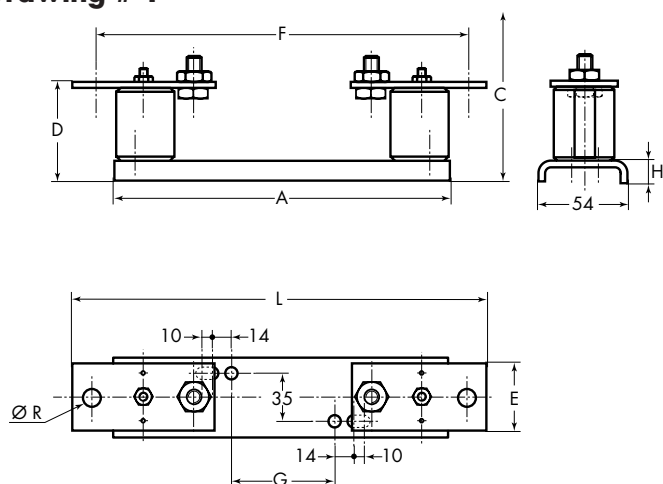
2nd segment (16 to 250 Hz) constant acceleration $\gamma = 5$ g peak.

Exponential scanning speed : 1 octave per minute.

Duration : 2 hours per axis.

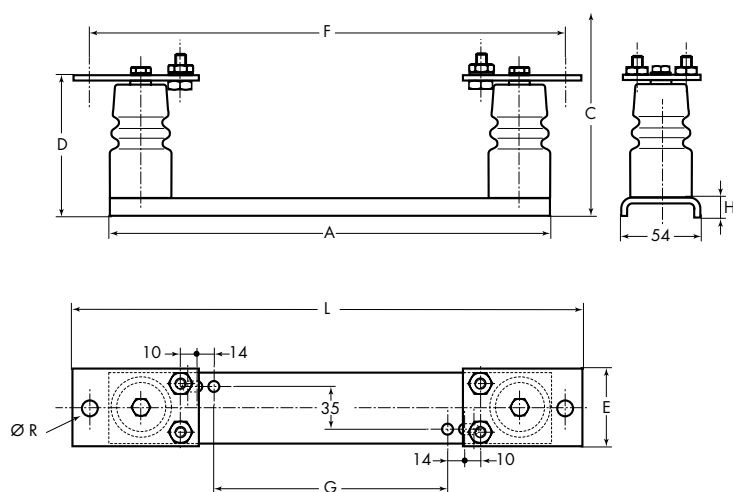
DIMENSIONS AND PART #S

Drawing # 1



Code	Part #	Weight (g)	Packg.
SQ 70	G 098975	860	1
SQ 70 BS TRAC	M 221386	1 040	1
SQ 72	H 098976	990	1
SQ 72 BS TRAC	T 098986	1 065	1
SQ 120	K 098978	940	1
SQ 122	L 098979	1 050	1
SQ 85 300	V 098481	1 480	1
SQ 85 302/2 x 302	W 098482	1 540	1
SQ 85 600	X 098483	1 740	1
SQ 85 602	Y 098484	1 935	1

Drawing # 2



Code	Part #	Weight (g)	Packg.
SQ 2 x 72	J 098977	2 420	1
SQ 2 x 72 BS TRAC	X 098989	2 640	1
SQ 2 x 122	M 098980	2 500	1
SQ 175 2 x 602	Q 092244	3 620	1

Code	Drawing #	A	C ⁽¹⁾	D	E	F	G	H	L	Ø R*
SQ 70	1	248	106,5	51	45	293	94	15	323	10,5
SQ 72	1	248	130,5	51	60	298	94	15	333	12,5
SQ 2 x 72	2	272	212,5	130	60	298	119	14	333	12,5
SQ 120	1	302	106,5	51	45	347	148	15	377	10,5
SQ 122	1	302	130,5	51	60	352	148	11	387	12,5
SQ 2 x 122	2	326	217,5	135	60	352	173	15	387	12,5
SQ 85 300	1	377	150	103	45	398	224	15	428	10,5
SQ 85 302/2 x 302	1	377	175	103	60	403	224	15	438	10,5
SQ 85 600	1	525	150	103	45	546	372	15	576	10,5
SQ 85 602	1	525	265	190	60	551	372	15	586	10,5
SQ 175 2 x 602	2	525	265	190	60	551	372	15	586	10,5

(1) With fuse connected

- Electrical connection of fuse on fuseholder by screws made in plated steel 8-8 class (supplied with fuseholder).

Maximum tightening torque advised : $22 \pm \frac{0}{8}$ Nm for M8 screw.

- Fixing of base with M8 screws. Tightening torque $10 \text{ Nm} \pm 2$.

* Electrical connection of fuseholder and wires by screws made in plated steel 8-8 class at least (supplied in "TRAC" version and not supplied in standard version).

Maximum tightening torque advised : $22 \pm \frac{0}{8}$ Nm for M8 screw.

$44 \pm \frac{0}{8}$ Nm for M10 screw.

$76 \pm \frac{0}{8}$ Nm for M12 screw.

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