

7.2kV - Motor Fuse Links to British Standard Dimensions

Specifications

Description: Motor fuse links providing short circuit protection in motor circuits to both the motor starter and cables from the starter to the motor.

Ratings:

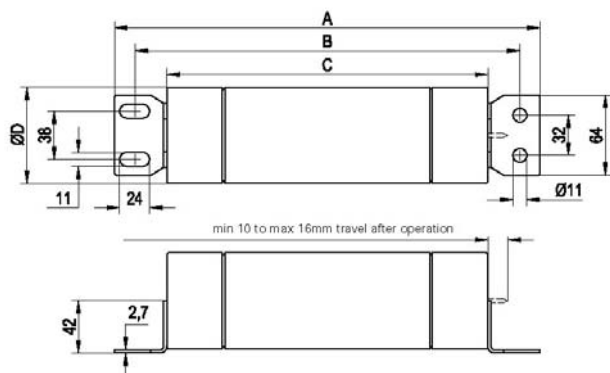
Rated Voltage: 7.2kV
Rated Current: 25 - 315A
Breaking Capacity: 40kA

Agency Information: Comply with BS 2692-1.

Time-Current Curves and Cut-Off Curves: see list page 120 and data on CD at the back of the catalogue.

Dimensions

Fuse Link Type	A	B	C	D
WFNHO	486	454	403	76
WKNHO	486	454	403	76



Triple barrel fuse link (3rd barrel shown dotted) with 03 tags.

Double barrel fuse link with 02 tags shown in full line.

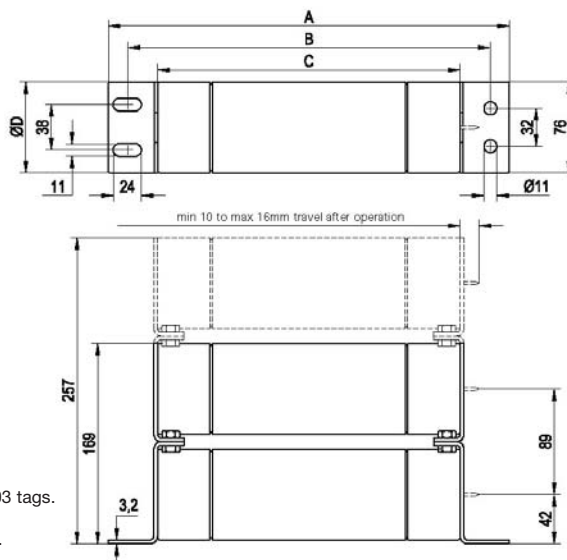


Features and Benefits

- *Cool running, low watts loss and power dissipation* thanks to the M-effect.
- *Silver elements* ensuring high conductivity and low power (revenue) loss
- *100% X-ray*, all our Medium Voltage fuse links are X-rayed ensuring the highest possible standards are maintained
- Allows motor start current to pass on without degradation of fuse link

Typical Applications

- Motor protection



Part Numbers

Part Number	Rated Current I_n (A)	Breaking Capacity I_1 (kA)	Minimum Breaking Current I_3 (A)	Cold Resistance & Watts Loss in Free Air		Joule Integral (I^2t)		Length mm	Diameter mm	Weight kg
				mΩ	W	Minimum Pre-Arching	Maximum Operating			
7.2WFNHO25	25	40	84	38.7	34	1.4×10^2	2.1×10^3	403	76	4.4
7.2WFNHO31.5	31.5	40	96	25.5	35	3.1×10^2	4.7×10^3	403	76	4.4
7.2WFNHO40	40	40	107	18.2	40	6.1×10^2	8.0×10^3	403	76	4.4
7.2WFNHO50	50	40	122	13.3	46	1.2×10^3	1.5×10^4	403	76	4.4
7.2WFNHO63	63	40	133	10.4	56	1.9×10^3	3.0×10^4	403	76	4.4
7.2WFNHO80	80	40	133	7.30	65	3.8×10^3	5.8×10^4	403	76	4.4
7.2WFNHO100	100	40	262	4.92	69	9.8×10^3	1.3×10^5	403	76	4.4
7.2WFNHO125	125	40	300	2.94	63	2.4×10^4	2.4×10^5	403	76	4.4
7.2WFNHO160	160	40	337	2.05	72	5.0×10^4	7.0×10^5	403	76	4.4
7.2WKNHO200	200	40	500	1.63	90	8.8×10^4	1.3×10^6	403	76	4.4
7.2WKNHO224	224	40	500	1.44	98	1.1×10^5	1.6×10^6	403	76	4.4
7.2WKNHO250	250	40	960	1.11	105	2.2×10^5	1.6×10^6	403	76	4.4
7.2WKNHO315	315	40	960	0.779	107	4.5×10^5	3.1×10^6	403	76	4.4

Higher ratings than those listed above can be obtained by using fuse links connected in parallel. Special fixing arrangements for connecting up to three fuse links in parallel are available. Please contact Cooper Bussmann application engineers buletechnical@cooperindustries.com for more details. The code designations for these arrangements are given in "How to order" page 7 and 8.