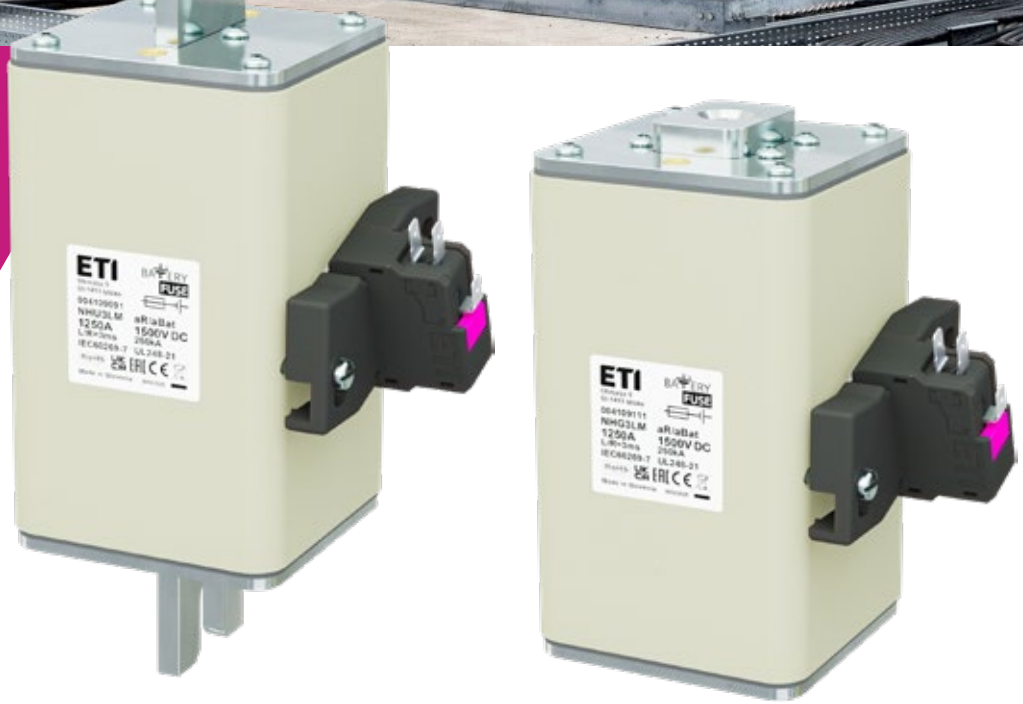


etigroup
www.etigroup.eu

New Era Renewable Fuse-Links

ETI
SWITCH TO
A SAFE FUTURE

NH Renew Platform - Innovative Materials

MOST SUSTAINABLE FUSE-LINK ON THE MARKET

- Aluminum contacts and cover plates:
  Aluminum is the third most abundant element in the earth's crust. It is the most common metal on earth, 800 times more common than copper.

- Through-lay fuse-element:
  Copper is 860 times more abundant element than silver.

- Ceramics fuse-link body:
  100% natural material.

- Various connection types
  U-screw
  S-screw
  E-screw
  G-flush end

- Certificates pending
  UL recognized
  IEC CB

- Microswitch available
  Designed and developed by ETI

- NH RENEW platform includes 4 patents
  - Aluminum contacts
    Specially shaped fastener and contact designed in one piece
  - M-effect in combination with through-lay
    Enables full-range characteristics
  - Position of fuse-elements
    Increased breaking capacity
  - Fuse-element
    Patented design of specially shaped fuse-elements which improves cycling operation

NH 3L aR / aBat Fuse-Link 1500V d.c.

General characteristics

Rated voltage	1500V d.c. L/R=3ms
Rated current	315 - 1250A
Breaking capacity	250kA
Characteristic	aR, aBat
Standards	IEC 60269-4, IEC 60269-7, UL 248-13, UL248-21
Application	For Ultra Quick protection in DC systems.

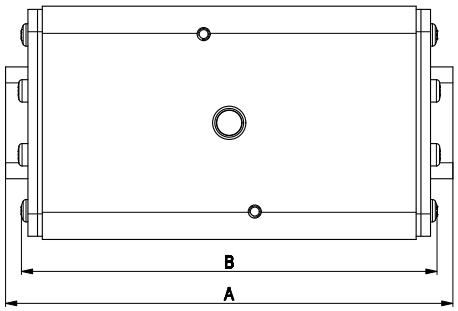
NH3L 1500V DC

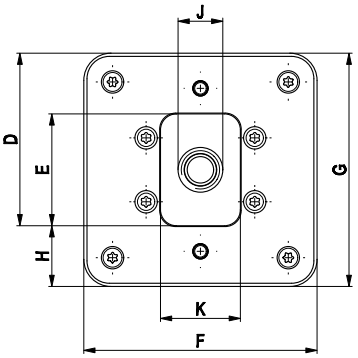
Size	Breaking capacity [kA]	I_n [A]	S_{170} screw contact	U_{170} screw contact	E_{170} screw contact	G_{140} flush end contact	g	
NH3L	250	315	004109000	004109020	004109120	004109040	1615	1/9
		350	004109001	004109021	004109121	004109041		
		400	004109002	004109022	004109122	004109042		
		450	004109003	004109023	004109123	004109043		
		500	004109004	004109024	004109124	004109044		
		630	004109005	004109025	004109125	004109045		
		750	004109006	004109026	004109126	004109046		
		800	004109007	004109027	004109127	004109047		
		900	004109008	004109028	004109128	004109048		
		1000	004109009	004109029	004109129	004109049		
		1100	004109010	004109030	004109130	004109050		
		1250	004109011	004109031	004109131	004109051		
NH3L type with microswitch	250	315	004109060	004109080	004109140	004109100		
		350	004109061	004109081	004109141	004109101		
		400	004109062	004109082	004109142	004109102		
		450	004109063	004109083	004109143	004109103		
		500	004109064	004109084	004109144	004109104		
		630	004109065	004109085	004109145	004109105		
		750	004109066	004109086	004109146	004109106		
		800	004109067	004109087	004109147	004109107		
		900	004109068	004109088	004109148	004109108		
		1000	004109069	004109089	004109149	004109109		
		1100	004109070	004109090	004109150	004109110		
		1250	004109071	004109091	004109151	004109111		

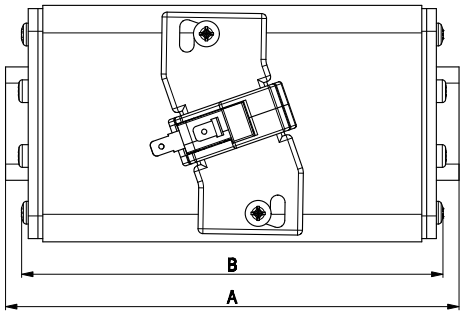
Accessories

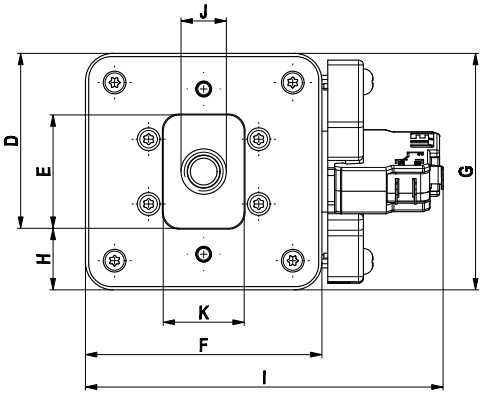
Type	Max. current [A]	Voltage range [V a.c.]	Connection	Connection type	Code No	g	
Microswitch	5	250	Fast-on terminals 6,3x0,8mm	C, NO, NC	422334100	15	12

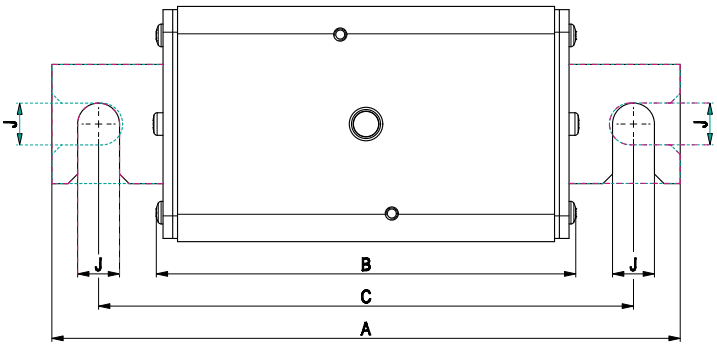
GREEN PROTECT

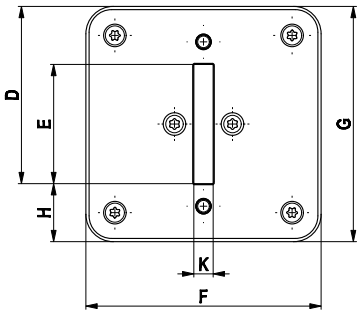


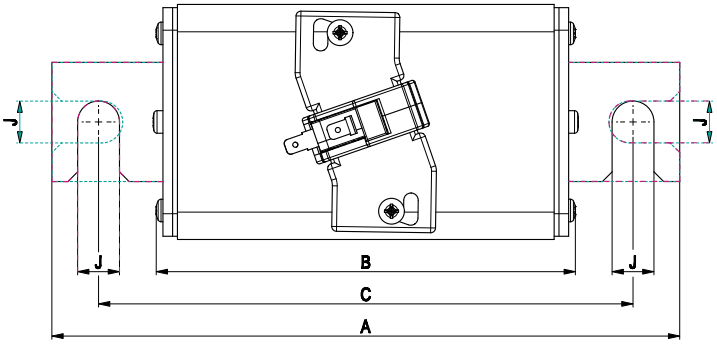


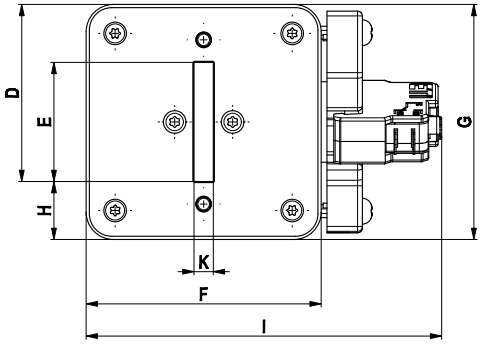












Size	A	B	C	D	E	F	G	H	I	J	K
3L E,S,U	195	130	165	55	37	73	73	18	111	13	6
3L G	140	130	/	54	35	73	73	19	111	M12	25