HS GROUP

DATASHEET

FUSE LINK & FUSE HOLDER

Reliable Protection. Built for Performance.

Reliable Protection
Safe & Effective Circuit Protection

High Breaking Capacity
Up to 690V AC

Heat & Flame Resistant
High-Quality Insulation Materials

Easy Installation
DIN Rail Mounting

Standards Compliant
IEC 60269

Reliable Protection | Easy Installation | High Performance

Made in Turkey

www.hsgrup.com.tr

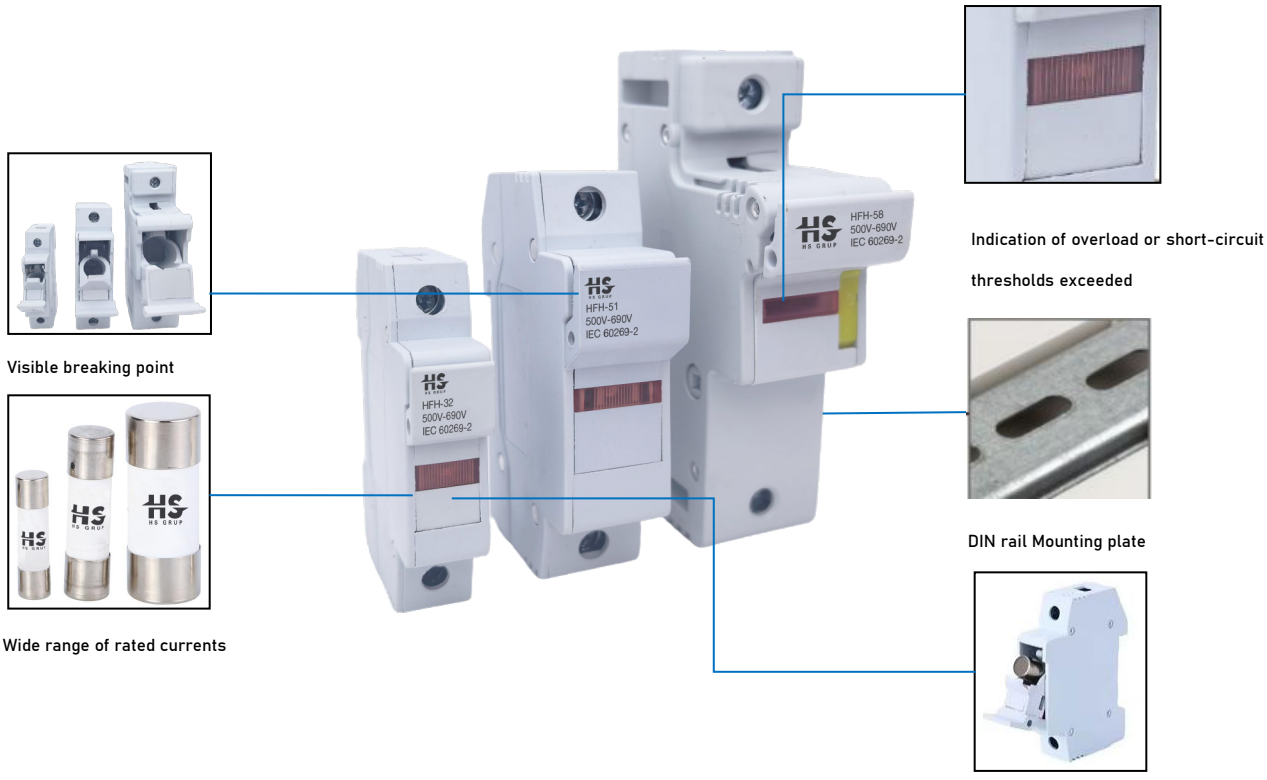
Cylindrical fuse links and fuse holder

Fuse holder is designed for fuse link installation and circuit protection against short circuit and overload.The fuse link is a part of the fuse holder with a fuse and is replaced after tripping.If overload or short-circuit currents exceed thresholds,the fuse link blows out and the the LED on the fuse holder lights up.

Fuse links are used to protect cable lines,household appliances and industrial equipment.Copper and aluminum wire connections are supported.

Fuse links and fuse holder are designed to protect cable lines from overload and short-circuit current:

- household appliances;
- Industrial equipment.



Features&Benefits

- Full range protection
- Meets IEC standards for global acceptance
- Standardized cylindrical construction
- Low power dissipation performance for lower temperature rise
- Easy installation

HS GROUP
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Address: A: HALİL RIFAT PAŞA MAH. YÜZER HAVUZ SK. PERPA TİC MER B BLOK NO: 543 ŞİŞLİ / İSTANBUL
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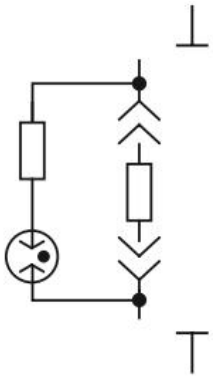
Technical data

Parameters	Size		
Fuse Holder	10×38	14×51	22×58
Rated current at 690 V AC In, A	0,5; 1; 2; 4; 6; 8; 10	2; 4; 6; 8; 10; 16; 20; 25	2; 4; 6; 8; 10; 16; 20; 25; 32; 40; 50
Weight, g	50	83	170
Mechanical endurance, O-C cycles	2000	2000	1600
Degree of protection: IEC 60529	IP20	IP20	IP20
Operating temperature, °C	from -10 to +55	from -10 to +55	from -10 to +55
Cross-section of connected wires, mm²	From 1 to 25	From 1 to 25	max. 50
Tightening torque, N·m	2,5	2,5	2,5
Cylindrical fuse links			
Rated current In, A	0,5; 1; 2; 4; 6; 8; 10; 16; 20; 25; 32	2; 4; 6; 10; 16; 20; 25; 32; 40; 50; 63	2; 4; 6; 8; 10; 16; 20; 25; 32; 40; 50; 63; 80; 100; 125
CFL type	gG	gG	gG
Weight, g	7,7	20,5	58
Rated breaking capacity Ics, kA	50	50	50
Degree of protection: IEC 60529	IP20	IP20	IP20
Operating temperature, °C	from -10 to +55	from -10 to +55	from -10 to +55

Wiring diagram



Operation

The LED lights up, when disconnector trips

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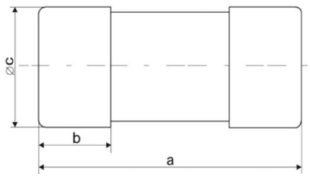
Overall and installation dimensions (mm)

Cylindrical fuse links

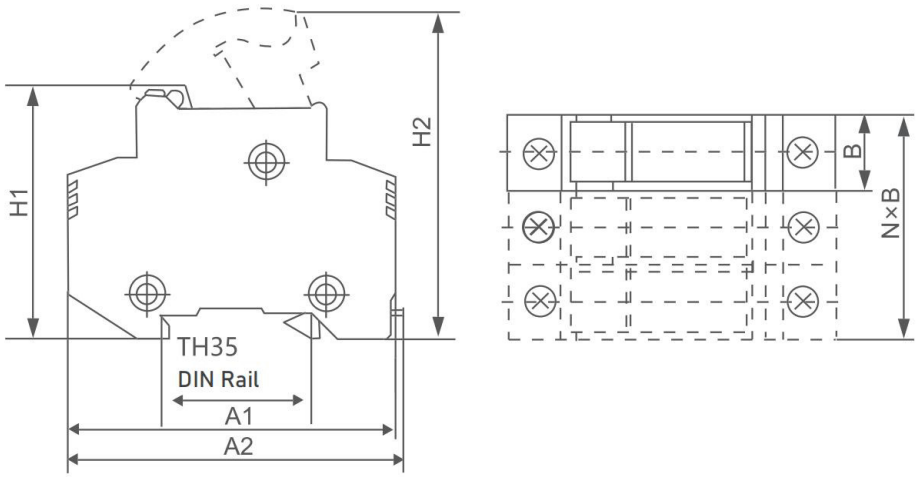


Size	a	b	c
10x38	38	10	10,3
14x51	51	12	14
22x58	58	16	22

Name	Rated voltage, V	Rated frequency, Hz	Maximum current, A	Max. power dissipation, W
HFH-38	500	50/60	8	3
HFH-51	500	50/60	20	5
HFH-58	500	50/60	40	9.5

Name	Rated operating current In, A	Rated voltage, V	Rated frequency, Hz	10×38	14×51	22×58
Cylindrical fuse link 0,5A	0.5	500	50/60	HFL-38-0.5	-	-
Cylindrical fuse link 1A	1	500	50/60	HFL-38-1	-	-
Cylindrical fuse link 2A	2	500	50/60	HFL-38-2	-	-
Cylindrical fuse link 4A	4	500	50/60	HFL-38-4	-	-
Cylindrical fuse link 6A	6	500	50/60	HFL-38-6	-	-
Cylindrical fuse link 8A	8	500	50/60	HFL-38-8	-	-
Cylindrical fuse link 10A	10	500	50/60	HFL-38-10	-	-
Cylindrical fuse link 16A	16	500	50/60	HFL-38-16	-	-
Cylindrical fuse link 20A	20	500	50/60	HFL-38-20	-	-
Cylindrical fuse link 25A	25	500	50/60	HFL-38-25	-	-
Cylindrical fuse link 32A	32	500	50/60	HFL-38-32	-	-
Cylindrical fuse link 40A	40	500	50/60	-	HFL-51-40	-
Cylindrical fuse link 50A	50	500	50/60	-	HFL-51-50	-
Cylindrical fuse link 63A	63	500	50/60	-	HFL-51-64	HFL-58-63
Cylindrical fuse link 80A	80	500	50/60	-	-	HFL-58-80
Cylindrical fuse link 100A	100	500	50/60	-	-	HFL-58-100
Cylindrical fuse link 125A	125	500	50/60	-	-	HFL-58-125

Fuse holder



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Model	Outline Dimension (mm)				
	A1	A2	B	H1	H2
HFH-38	77	78	17	61	80
HFH-51	96	97	26	67	94
HFH-58	127	129	35	76	104

Time Current Characteristic Curve