



CFriend®
FUSES

ESS4

ESS415-FUSES Fuses for Semiconductor Protection UL248-13 standard

SIZE	Rated Voltage	Operating Class	Rated Breaking Capacity
4	1500Vdc	aR	1500Vdc 250kA L/R<5ms

型号 Product model

●ESS415-xxxH

型号诠释 Product interpretation

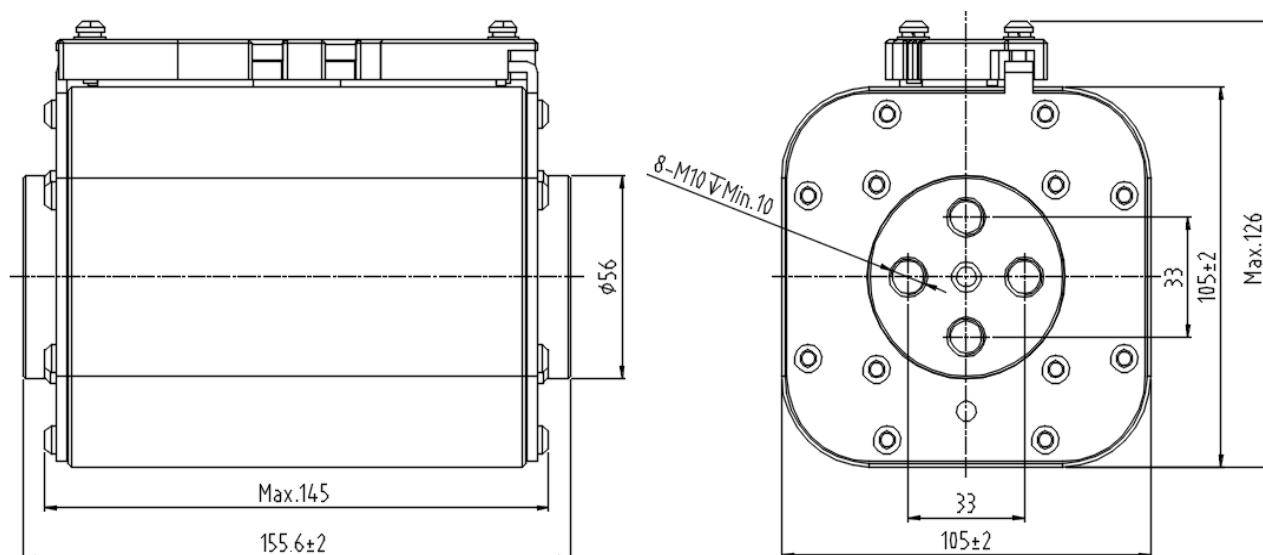
ESS 4 15 - 630 H
① ② ③ ④ ⑤

- ①: 表示应用 (GD:轨道 ESS:储能)
②: 表示管号
③: 表示电压=数字*100Vdc
④: 表示电流A
⑤: 安装方式 (H:平端安装 U: 勾叉 E:美式安装.....)字母后加D表双体

描述 Description

- 安全可靠的螺栓连接方式 Safe and reliable connecting way of bolt-on
- 优越的电气性能，迅速切断系统中的故障电流。
Excellent electric performance, cut down the fault current of the system.
- 设计符合UL248-13 Product design conforms to UL248-13
- 产品过程符合ISO9001质量管理体系要求 Product process conforms to ISO9001
- 产品、包装符合RoHS Product and Package conforms to RoHS

外形尺寸 Dimensions

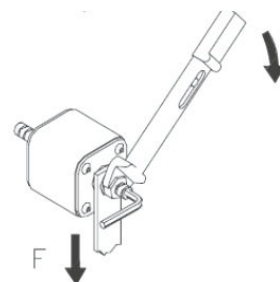


物料选择 Selection and ordering data

Rated current 【A】	Rated voltage 【V】	Part Number	Power Loss 【W】	Pre-arcing I^2t 【A ² S】	Total@1500V I^2t 【A ² S】	Pack
630	1500Vdc	ESS415-630H	180	165000	1180000	1
700		ESS415-700H	195	198000	1550000	
800		ESS415-800H	205	308000	2250000	
900		ESS415-900H	220	458000	3150000	
1000		ESS415-1000H	230	666000	4350000	
1100		ESS415-1100H	245	815000	5110000	
1250		ESS415-1250H	270	1110000	7580000	
1350		ESS415-1350H	278	1408000	9580000	
1500		ESS415-1500H	285	1780000	13280000	
1600		ESS415-1600H	290	2400000	16580000	
1800		ESS415-1800H	330	3210000	21880000	

使用条件 Operating condition

No	项目 Item	要求 Requirements
1	使用电压范围 Operating voltage	$\leq 1500V$
2	使用环境 Operating environment	$-40^{\circ}C \sim 85^{\circ}C$ $RH < 50\% (\geq 40^{\circ}C)$ $RH < 90\% (\leq 20^{\circ}C)$
3	保存环境 Storage environment	$-5^{\circ}C \sim 40^{\circ}C$ $RH < 75\%$
4	海拔高度 altitude	$\leq 2000m$ (超过范围请咨询厂商)
5	安装扭矩 Install torque	M10(8.8) studs: 8Nm M10(8.8) nuts: 38Nm
6	污秽等级 Pollution level	III



时间-电流曲线 (Time -Current Curve)

