



PRODUCT-DETAILS

E2.2B 1600 Ekip Hi-Touch LSI 4p F HR

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| 概要信息        |                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品型号        | E2.2B 1600 Ekip Hi-Touch LSI 4p F HR                                                                                                                                                                         |
| 产品ID        | 1SDA071618R1                                                                                                                                                                                                 |
| 欧洲商品编号(EAN) | 8015644754686                                                                                                                                                                                                |
| 目录说明        | E2.2B 1600 Ekip Hi-Touch LSI 4p F HR                                                                                                                                                                         |
| 详细描述        | C.BREAKER SACE EMAX2 E2.2B 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

| ABB EcoSolutions |                                    |
|------------------|------------------------------------|
| ABB EcoSolutions | 是                                  |
| 产品环境声明 - EPD     | 9AKK108468A1902<br>9AKK108468A1909 |

| Material Compliance |                 |
|---------------------|-----------------|
| REACH Declaration   | 9AKK108466A1425 |
| RoHS信息              | 9AKK108466A1424 |

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS状态                                      | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Toxic Substances Control Act - TSCA         | 9AKK108467A8326                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SCIP                                        | cd6af88c-9d53-488c-a714-683bf3c3ecbb Italy (IT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 简化的SCIP                                     | 7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany (DE)<br>8241fc60-1c1a-4779-a755-4f86f83c22a9 France (FR)<br>afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands (NL)<br>961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland (PL)<br>2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland (PL)<br>84a2a33f-970f-4147-8e8c-56367a62c648 Portugal (PT)<br>a1137c25-c126-423e-9ae7-327bcbcbcd72b Greece (GR)<br>c9048563-b27e-4526-bf47-af94fe2adf62 Poland (PL)<br>8241fc60-1c1a-4779-a755-4f86f83c22a9 France (FR)<br>530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden (SE)<br>0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden (SE)<br>059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia (EE)<br>1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain (ES)<br>95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic (CZ)<br>d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary (HU)<br>059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia (EE)<br>7de391bc-dada-4021-bfdf-96e791a4099f France (FR)<br>2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland (PL)<br>35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium (BE)<br>7de391bc-dada-4021-bfdf-96e791a4099f France (FR)<br>87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary (HU)<br>1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain (ES)<br>bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany (DE)<br>c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany (DE)<br>85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark (DK)<br>f8dd6e02-dee2-4e4b-abee-4fcaf6e0a767 Norway (NO)<br>77af63ef-e5f6-462d-a010-05236568473b Germany (DE)<br>35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria (BG)<br>35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium (BE)<br>dfe2af29-50a8-44ab-9b16-79792307f817 Belgium (BE)<br>961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland (PL)<br>c9048563-b27e-4526-bf47-af94fe2adf62 Poland (PL)<br>d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany (DE)<br>77af63ef-e5f6-462d-a010-05236568473b Germany (DE)<br>dfe2af29-50a8-44ab-9b16-79792307f817 Belgium (BE)<br>9ca8c00a-6991-4f68-a832-7a2721661611 Croatia (HR)<br>c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland (FI)<br>7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany (DE)<br>0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden (SE)<br>d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary (HU)<br>bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany (DE)<br>9ca8c00a-6991-4f68-a832-7a2721661611 Croatia (HR)<br>530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden (SE)<br>c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany (DE)<br>afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands (NL)<br>35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria (BG)<br>a1137c25-c126-423e-9ae7-327bcbcbcd72b Greece (GR)<br>f8dd6e02-dee2-4e4b-abee-4fcaf6e0a767 Norway (NO)<br>d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany (DE)<br>87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary (HU)<br>85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark (DK)<br>95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic (CZ)<br>c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland (FI)<br>84a2a33f-970f-4147-8e8c-56367a62c648 Portugal (PT) |

环境条件

|      |                 |
|------|-----------------|
| 环境信息 | 9AKK108467A6707 |
|------|-----------------|

| 订货信息         |                      |
|--------------|----------------------|
| 当地订购代码_USCON | ZBBSEJBJ200A000000XX |
| 欧洲商品编号(EAN)  | 8015644754686        |
| 最小起订量        | 1 piece              |
| 海关关税号        | 85362090             |

| 尺寸   |        |
|------|--------|
| 产品净宽 | 366 mm |
| 产品净高 | 371 mm |
| 产品净深 | 270 mm |
| 产品净重 | 53 kg  |

| 包装信息     |               |
|----------|---------------|
| 1级包装单元   | box 1 piece   |
| 1级包装宽度   | 515 mm        |
| 1级包装高度   | 610 mm        |
| 1级包装长度   | 615 mm        |
| 1级包装 总重  | 58 kg         |
| 1级包装 EAN | 8015644754686 |

| 其他信息                    |                     |
|-------------------------|---------------------|
| 产品系列                    | SACE Emax 2         |
| 产品                      | Air Circuit Breaker |
| 产品应用类型                  | Air Circuit Breaker |
| 安装方式                    | F                   |
| CAD Dimensional Drawing | 1SDH001252R0123     |

| 技术参数                           |                                                                                                                      |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 电流类型                           | AC                                                                                                                   |
| 电气寿命                           | Ue =< 440 V 12000 cycle<br>Ue = 500 ... 690 V 10000 cycle<br>30 cycles per hour                                      |
| 机械寿命                           | 25000 cycle<br>60 cycles per hour                                                                                    |
| 中性极(N极)容量 ([%I <sub>n</sub> ]) | 100 %                                                                                                                |
| 极数                             | 4P                                                                                                                   |
| 功率损耗                           | 136 W                                                                                                                |
| 额定电流 (I <sub>n</sub> )         | 1600 A                                                                                                               |
| 额定冲击耐受电压 (U <sub>imp</sub> )   | acc. to IEC 60947-2 12 kV                                                                                            |
| 额定绝缘电压 (U <sub>i</sub> )       | AC 1000 V                                                                                                            |
| 额定工作电压                         | 690 V AC                                                                                                             |
| 额定服务短路分断容量 (I <sub>cs</sub> )  | (220 V AC) 42 kA<br>(230 V AC) 42 kA<br>(380 V AC) 42 kA<br>(400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA |
| 额定运行短路分断能力,                    | 100 %                                                                                                                |

|                               |                                                                                                                      |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 以Icu的%表示 (I <sub>CS</sub> )   |                                                                                                                      |
| 额定不间断电流 (I <sub>CW</sub> )    | for 1 s 42 kA<br>for 3 s 42 kA                                                                                       |
| 额定极限短路分断容量 (I <sub>cu</sub> ) | (400 V AC) 42 kA<br>(415 V AC) 42 kA<br>(440 V AC) 42 kA<br>(500 V AC) 42 kA<br>(525 V AC) 42 kA<br>(690 V AC) 42 kA |
| 额定持续电流 (I <sub>u</sub> )      | 1600 A                                                                                                               |
| 额定电压 (U <sub>r</sub> )        | 690 V                                                                                                                |
| 推荐的螺丝刀                        | Main Circuit M12                                                                                                     |
| 脱扣器                           | Ekip Hi-Touch LSI                                                                                                    |
| 脱扣器类型                         | EL                                                                                                                   |
| 短路性能等级                        | B                                                                                                                    |
| 标准                            | IEC                                                                                                                  |
| 壳架等级                          | E2.2                                                                                                                 |
| Suitable for IT Networks      | Yes, 690V                                                                                                            |
| 端子连接类型                        | Rear flat Horizontal                                                                                                 |
| 端子类型                          | Bolt                                                                                                                 |
| 拧紧力矩                          | 70 N·m                                                                                                               |

认证及声明（文件编码）

|              |                         |
|--------------|-------------------------|
| ATEX认证       | No certification needed |
| CSA 认证       | No certification needed |
| CSA 认证（本安）   | No certification needed |
| 数据手册，技术资料    | 1SXF200023C2001         |
| 符合性声明 - CE   | 9AKK106713A5902         |
| UL认证         | No certification needed |
| VDE认证        | No certification needed |
| 机械制图         | 1SDH001000R0100         |
| 接线图          | 1SDM000091R0001         |
| 说明书和手册       | 1SDH001000R0006         |
| 说明书和手册（第2部分） | 1SDH001316R1002         |

分类

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| ETIM 8             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9             | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| IDEA 粒度分类代码 (IGCC) | 4926 >> Air circuit breakers                                                 |
| 对象分类代码             | Q                                                                            |
| UNSPSC             | 39121615                                                                     |
| WEEE 类别            | 5. Small Equipment (No External Dimension More Than 50 cm)                   |
| e级                 | V11.1 : 27370409                                                             |

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## 分类

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低压产品及系统 → 断路器类产品 → 空气断路器 → Emax 2

