



PRODUCT-DETAILS

# EN25-40N-01

## EN25-40N-01 Installation Contactor (NO) 25 A - 4 NO - 0 NC - 24 V - Control Circuit 400 Hz



| 概要信息        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 产品型号        | EN25-40N-01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 产品ID        | 1SAE232111R0140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 欧洲商品编号(EAN) | 4013614518126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 目录说明        | EN25-40N-01 Installation Contactor (NO) 25 A - 4 NO - 0 NC - 24 V - Control Circuit 400 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 详细描述        | <p>The EN25..N installation contactors are used to control single and three-phase loads up to 25 A and can be operated by AC or DC and/or manually. These contactors are made for use in household applications as well as in industrial environments.</p> <p>The following benefits are provided:<br/>Hum-free operation, low power consumption, integrated overvoltage protection and manual override.</p> <p>Various contact combinations and accessories are available.<br/>Manual operation is available in 3 states: "On", "Off", "Auto"</p> |

| 订货信息     |               |
|----------|---------------|
| 1级包装 EAN | 4013614524431 |
| 最小起订量    | 1 piece       |
| 海关关税号    | 85365080      |

Popular Downloads

|                         |                 |
|-------------------------|-----------------|
| 数据手册, 技术资料              | 2CDC103051C0201 |
| 说明书和手册                  | 2CDC103043M6801 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

尺寸

|      |         |
|------|---------|
| 产品净宽 | 36 mm   |
| 产品净高 | 85 mm   |
| 产品净深 | 65 mm   |
| 产品净重 | 0.25 kg |

技术参数

|                                |                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 额定工作电压                         | Main Circuit 220 V DC<br>Main Circuit 400 V AC                                                                                                                                                                                                                                                                                                                                                         |
| 额定控制电路电压 (U <sub>c</sub> )     | 24 V                                                                                                                                                                                                                                                                                                                                                                                                   |
| 额定频率 (f)                       | Control Circuit 400 Hz<br>Control Circuit 50 Hz<br>Control Circuit 60 Hz<br>Control Circuit DC<br>Main Circuit 50 Hz<br>Main Circuit 60 Hz<br>Main Circuit DC                                                                                                                                                                                                                                          |
| 额定工作电流 AC-1 (I <sub>e</sub> )  | (NO) 25 A                                                                                                                                                                                                                                                                                                                                                                                              |
| 额定工作电流 AC-3 (I <sub>e</sub> )  | (230 V) Single Phase, NO 9 A<br>(400 V) Three Phase, NO 9 A                                                                                                                                                                                                                                                                                                                                            |
| 额定工作功率 AC-1 (P <sub>e</sub> )  | (230 V) Single Phase, NO 5.8 kW<br>(400 V) Three Phase, NO 17.3 kW                                                                                                                                                                                                                                                                                                                                     |
| 额定工作功率 AC-3 (P <sub>e</sub> )  | (230 V) Single Phase, NO 1.3 kW<br>(400 V) Three Phase, NO 4 kW                                                                                                                                                                                                                                                                                                                                        |
| 额定工作电流 AC-7a (I <sub>e</sub> ) | (NO) 25 A                                                                                                                                                                                                                                                                                                                                                                                              |
| 额定工作功率 AC-7a (P <sub>e</sub> ) | (230 V) Single Phase, NO 5.8 kW<br>(400 V) Three Phase, NO 17.3 kW                                                                                                                                                                                                                                                                                                                                     |
| 额定工作电流 AC-7b (I <sub>e</sub> ) | (230 V) Single Phase, NO 9 A<br>(400 V) Three Phase, NO 9 A                                                                                                                                                                                                                                                                                                                                            |
| 额定工作功率 AC-7b (P <sub>e</sub> ) | (230 V) Single Phase, NO 1.3 kW<br>(400 V) Three Phase, NO 4 kW                                                                                                                                                                                                                                                                                                                                        |
| 推荐的螺丝刀                         | Control Circuit Pozidriv 1<br>Main Circuit Pozidriv 1                                                                                                                                                                                                                                                                                                                                                  |
| 额定冲击耐受电压 (U <sub>imp</sub> )   | 4 kV                                                                                                                                                                                                                                                                                                                                                                                                   |
| 额定绝缘电压 (U <sub>i</sub> )       | 500 V                                                                                                                                                                                                                                                                                                                                                                                                  |
| 主电路连接容量                        | Flexible with Ferrule 1x 1.5 ... 10 mm <sup>2</sup><br>Flexible with Ferrule 2x 1.5 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 1.5 ... 10 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 1.5 mm <sup>2</sup><br>Flexible 1x 1.5 ... 10 mm <sup>2</sup><br>Flexible 2x 1.5 ... 4 mm <sup>2</sup><br>Rigid 1x 1.5 ... 10 mm <sup>2</sup><br>Rigid 2x 1.5 ... 4 mm <sup>2</sup> |
| 控制电路连接容量                       | Flexible with Ferrule 1x 1 ... 2.5 mm <sup>2</sup><br>Flexible with Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 1 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 1 mm <sup>2</sup><br>Flexible 1x 1 ... 2.5 mm <sup>2</sup><br>Flexible 2x 1 ... 1.5 mm <sup>2</sup>                                                                         |

|            |                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------|
|            | Rigid 1x 1 ... 4 mm <sup>2</sup><br>Rigid 2x 1 ... 2.5 mm <sup>2</sup>                                 |
| 拧紧力矩       | Control Circuit 0.9 N·m<br>Main Circuit 1 N·m                                                          |
| 剥线长度       | Control Circuit 7 mm<br>Main Circuit 10 mm                                                             |
| 防护等级       | IP20                                                                                                   |
| 电气寿命       | AC-1 (NO) 130000 cycle<br>AC-3 (NO) 500000 cycle<br>AC-7a (NO) 130000 cycle<br>AC-7b (NO) 500000 cycle |
| 机械寿命       | 1000000 cycle                                                                                          |
| 极数         | 4P                                                                                                     |
| 辅助触点NC数量   | 0                                                                                                      |
| 辅助触点NO数量   | 0                                                                                                      |
| 主触点NC数量    | 0                                                                                                      |
| 主触点NO数量    | 4                                                                                                      |
| 宽度(模块化垫片数) | 2.0                                                                                                    |
| 污染等级       | 3                                                                                                      |
| 标准         | IEC/EN 60947-1<br>IEC/EN 60947-4-1<br>IEC/EN 61095<br>UL 60947-1<br>UL 60947-4-1<br>IEC 60335-2-40 A2L |

环境条件

|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| 周围环境温度                  | Operation -25 ... +55 °C<br>Storage -40 ... +80 °C                     |
| 允许的最高工作海拔               | 2000 m                                                                 |
| 抗机械冲击符合IEC 60068-2-27标准 | 11 ms Pulse 15g                                                        |
| RoHS状态                  | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Material Compliance

|                                             |                                                            |
|---------------------------------------------|------------------------------------------------------------|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658                                            |
| REACH Declaration                           | 2CMT2021-006202                                            |
| RoHS信息                                      | 2CMT2021-006277                                            |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006525                                            |
| WEEE B2C / B2B                              | Business To Consumer                                       |
| WEEE 类别                                     | 5. Small Equipment (No External Dimension More Than 50 cm) |

ABB EcoSolutions

|              |                 |
|--------------|-----------------|
| 产品环境声明 - EPD | 1SAC200412H0001 |
| 产品寿命终止后的拆解指南 | 1SBC100156C0265 |

认证及声明（文件编码）

|                       |                 |
|-----------------------|-----------------|
| A2L Certificate – IEC | 1SAA920000-4601 |
|-----------------------|-----------------|

|                                     |                     |
|-------------------------------------|---------------------|
| CB认证                                | 1SAA920004-2001     |
| CQC认证                               | CQC2017010304993564 |
| Declaration of<br>Conformity - CCC  | 2020980304001312    |
| 符合性声明 - CE                          | 1SAD101100-3301     |
| Declaration of<br>Conformity - UKCA | 1SAD201100-3301     |
| EAC认证                               | 1SAA920001-2702     |
| NF认证                                | 1SAA920001-1202     |
| RMRS认证                              | 1SAA920000-0705     |

包装信息

|          |               |
|----------|---------------|
| 1级包装单元   | box 1 piece   |
| 1级包装宽度   | 92 mm         |
| 1级包装高度   | 69.5 mm       |
| 1级包装长度   | 39 mm         |
| 1级包装 总重  | 0.25 kg       |
| 2级包装单元   | 48 piece      |
| 2级包装宽度   | 280 mm        |
| 2级包装高度   | 210 mm        |
| 2级包装长度   | 395 mm        |
| 2级包装 总重  | 12.5 kg       |
| 2级包装 EAN | 4013614538827 |

分类

|                    |                                                          |
|--------------------|----------------------------------------------------------|
| 对象分类代码             | Q                                                        |
| ETIM 5             | EC001653 - Installation contactor for distribution board |
| ETIM 6             | EC001653 - Installation contactor for distribution board |
| ETIM 7             | EC001653 - Installation contactor for distribution board |
| e级                 | V11.0 : 27142308                                         |
| UNSPSC             | 39121529                                                 |
| IDEA 粒度分类代码 (IGCC) | 4759 >> Installation contactor for distribution board    |
| E-Number (Finland) | 3707805                                                  |
| ETIM 8             | EC001653 - Installation contactor for distribution board |

Accessories

| Identifier      | Description                                                        | Type      | Quantity | Unit Of Measure |
|-----------------|--------------------------------------------------------------------|-----------|----------|-----------------|
| 1SAE901901R1011 | EH04-11N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz | EH04-11N  | 1        | piece           |
| 1SAE901901M1011 | EH04-11N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz | EH04-11N  | 1        | piece           |
| 1SAE901901R1020 | EH04-20N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz | EH04-20N  | 1        | piece           |
| 1SAE901901M1020 | EH04-20N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz | EH04-20N  | 1        | piece           |
| GHE3201903R0001 | ESB-PLK24 Sealing Cover                                            | ESB-PLK24 | 1        | piece           |
| GHE3201902R0001 | ESB-DIS Distance Piece                                             | ESB-DIS   | 1        | piece           |

---

**分类**

---

低压产品及系统 → 控制产品 → 接触器 → 建筑用接触器

低压产品及系统 → 线路保护产品 → Command and Signalling Devices → 建筑用接触器

