



PRODUCT-DETAILS

# EH04-20N

## EH04-20N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz



| General Information   |   |
|-----------------------|---|
| Extended Product Type | EH04-20N  |
| Product ID            | 1SAE901901M1020   |
| Catalog Description   | EH04-20N Auxiliary Contact - 0 NO - 0 NC - Auxiliary Circuit 50 Hz  |
| Long Description      | The EH04 are auxiliary contact blocks which can be used in combination with all the new ESB..N and EN..N installation contactors. These devices are available in 2 different contact configurations and no tool is needed for their assembling. |

| Ordering               |          |
|------------------------|----------|
| Minimum Order Quantity | 6 piece  |
| Customs Tariff Number  | 85369010 |

| Popular Downloads                 |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CDC103051C0201 |
| Instructions and Manuals          | 2CDC103043M6801 |
| CAD Dimensional Drawing           | 2CDC001079B0201 |

Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 9 mm    |
| Product Net Depth / Length | 65 mm   |
| Product Net Height         | 85 mm   |
| Product Net Weight         | 0.04 kg |

Technical

|  |   |
|--|---|
| Number of Main Contacts NO                         | 0   |
| Number of Main Contacts NC                         | 0   |
| Number of Auxiliary Contacts NO                    | 2   |
| Number of Auxiliary Contacts NC                    | 0   |
| Number of Poles                                    | 2P  |
| Standards  | IEC/EN 60947-5-1  |
| Rated Operational Voltage                          | Auxiliary Circuit 500 V AC  |
| Rated Frequency (f)                                | Auxiliary Circuit 50 Hz<br>Auxiliary Circuit 60 Hz  |
| Conventional Free-air Thermal Current ( $I_{th}$ ) | Auxiliary Circuit 6 A   |
| Rated Operational Current AC-15 ( $I_e$ )          | (415 V AC) 3 A<br>(24 V) 6 A<br>(240 V) 4 A<br>(500 V) 2 A  |
| Rated Operational Current DC-13 ( $I_e$ )          | (125 V) 0.55 A<br>(250 V) 0.27 A  |
| Short-Circuit Protective Devices                   | gG Type Fuses 10 A  |
| Rated Insulation Voltage ( $U_i$ )                 | 500 V   |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )      | Auxiliary Circuit 4 kV  |
| Maximum Electrical Switching Frequency             | (AC-15) 360 cycles per hour<br>(DC-13) 360 cycles per hour  |
| Minimum Switching Capacity                         | > 17 V<br>> 5 mA  |
| Power Loss   | at Rated Operating Conditions per Pole 0.84 W   |
| Connecting Capacity Auxiliary Circuit              | Flexible with Ferrule 1x 1 ... 1.5 mm <sup>2</sup><br>Flexible 1x 1 ... 2.5 mm <sup>2</sup><br>Rigid 1x 1 ... 4 mm <sup>2</sup><br>Rigid 2x 1 ... 1.5 mm <sup>2</sup>   |
| Wire Stripping Length                              | Auxiliary Circuit, Top Terminals (1x 1.5) 7 mm<br>Auxiliary Circuit, Top Terminals (1x 2.5 ... 4) 17 mm<br>Auxiliary Circuit, Top Terminals (2x 1.5) 17 mm<br>Auxiliary Circuit, Bottom Terminals (1x 1.5) 7 mm<br>Auxiliary Circuit, Bottom Terminals (1x 2.5 ... 4) 9 mm<br>Auxiliary Circuit, Bottom Terminals (2x 1.5) 9 mm |
| Degree of Protection                               | IP20  |
| Recommended Screw Driver                           | Auxiliary Circuit Pozidriv 1  |
| Tightening Torque                                  | Auxiliary Circuit 0.9 N·m   |
| Terminal Type                                      | Screw Terminals   |
| Width in Number of Modular Spacings                | 1.0   |
| Suitable For                                       | ESB16..N<br>ESB20..N<br>ESB25..N<br>ESB40..N<br>ESB63..N  |

|                            |                         |
|----------------------------|-------------------------|
|                            | EN20..N                 |
|                            | EN25..N                 |
|                            | EN40..N                 |
|                            | ESB100..N               |
| Suitable for Product Class | Installation Contactors |
| Product Name               | Auxiliary Contact       |

Technical UL/CSA

|  |                           |
|--|---------------------------|
| Maximum Operating Voltage UL/CSA             | 600 V AC                  |
| General Use Rating UL/CSA                    | (600 V AC) 5 A            |
| Connecting Capacity Auxiliary Circuit UL/CSA | Stranded 18-12 AWG        |
| Contact Rating UL/CSA                        | A600                      |
| Tightening Torque UL/CSA                     | Auxiliary Circuit 8 in-lb |

Environmental

|  |  |
|--|--|
| Ambient Air Temperature                    | Operation -25 ... +55 °C<br>Storage -40 ... +80 °C |
| Maximum Operating Altitude Permissible     | 2000 m   |
| Resistance to Shock acc. to IEC 60068-2-27 | 11 ms Pulse 15g                                    |
| Resistance to Vibrations                   | 5g 3 ... 150 Hz                                    |

Material Compliance

|   |  |
|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658  |
| REACH Declaration                           | 2CMT2021-006202  |
| RoHS Information                            | 2CMT2021-006277  |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA         | 2CMT2023-006525  |
| WEEE B2C / B2B                              | Business To Consumer   |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |

Certificates and Declarations

|                                  |                     |
|----------------------------------|---------------------|
| ABS Certificate                  | 1SAA920000-0101     |
| CB Certificate                   | 1SAA920006-2001     |
| CQC Certificate                  | CQC2017010304980330 |
| Declaration of Conformity - CCC  | 2020980305001265    |
| Declaration of Conformity - CE   | 1SAD101100-3301     |
| Declaration of Conformity - UKCA | 1SAD201100-3301     |
| DNV Certificate                  | 1SAA920000-0306     |
| EAC Certificate                  | 1SAA920002-2701     |
| RINA Certificate                 | 1SAA920000-0801     |
| UL Certificate                   | E191658-19960301    |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | box 6 piece   |
| Package Level 1 Width          | 92.5 mm       |
| Package Level 1 Depth / Length | 115.5 mm      |
| Package Level 1 Height         | 77 mm         |
| Package Level 1 Gross Weight   | 0.34 kg       |
| Package Level 1 EAN            | 4013614528026 |

External Classifications and Standards

|                            |                                    |
|----------------------------|------------------------------------|
| Object Classification Code | K                                  |
| ETIM 7                     | EC000041 - Auxiliary contact block |
| ETIM 8                     | EC000041 - Auxiliary contact block |
| ETIM 9                     | EC000041 - Auxiliary contact block |
| eClass                     | V11.0 : 27371302                   |
| UNSPSC                     | 39121522                           |

Categories

Low Voltage Products and Systems → Control Products → Contactors → Installation Contactors  
Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Installation Contactors

