

# Specifications



## Eaton 285735

Eaton Z-SCH Installation contactor,  
230VAC/50Hz, 4 N/C, 63A, 3HP

### General specifications

|                             |                       |
|-----------------------------|-----------------------|
| <b>PRODUCT NAME</b>         | Eaton Z-SCH contactor |
| <b>CATALOG NUMBER</b>       | 285735                |
| <b>MODEL CODE</b>           | Z-SCH230/63-04        |
| <b>EAN</b>                  | 4015082857356         |
| <b>PRODUCT LENGTH/DEPTH</b> | 82 mm                 |
| <b>PRODUCT HEIGHT</b>       | 72 mm                 |
| <b>PRODUCT WIDTH</b>        | 17.8 mm               |
| <b>PRODUCT WEIGHT</b>       | 0.35 kg               |
| <b>COMPLIANCES</b>          | RoHS conform          |
| <b>GLOBAL CATALOG</b>       | 285735                |



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## Product specifications

|  |                               |
|--|-------------------------------|
| <b>AMPERAGE RATING</b>   | 63 A                          |
| <b>FEATURES</b>  | Additional equipment possible |
| <b>DEGREE OF PROTECTION</b>  | IP40                          |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>                 | 28 W                          |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                           | 60 °C                         |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                           | -40 °C                        |
| <b>HEAT DISSIPATION CAPACITY</b>                                     | 0 W                           |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>                  | 0 W                           |
| <b>INCANDESCENT LAMP LOAD - MAX</b>                                  | 7740 W                        |
| <b>LOAD FLUORESCENT LAMP - MAX</b>                                   | 4060 VA                       |
| <b>LOAD FLUORESCENT LAMP (DUO CIRCUIT) - MAX</b>                     | 8120 VA                       |
| <b>LOAD FLUORESCENT LAMP (PARALLEL COMPENSATED) - MAX</b>            | 2668 VA                       |
| <b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>                 | 4                             |
| <b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>                   | 0                             |
| <b>NUMBER OF MODULAR SPACINGS</b>                                    | 3                             |
| <b>RATED OPERATING VOLTAGE (UE) - MAX</b>                            | 440 V                         |
| <b>RATED OPERATING VOLTAGE (UE) - MIN</b>                            | 440 V                         |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 63 A                          |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>                | 0 W                           |
| <b>UTILITY CATEGORY</b>  | 1                             |
| <b>VOLTAGE RATING (EXCITATION) - MAX</b>                             | 253 V                         |
| <b>VOLTAGE RATING (EXCITATION) - MIN</b>                             | 195.5 V                       |

## Resources

|                            |   |
|----------------------------|---|
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-contactor-declaration-of-conformity-eu250188en.pdf</a>    |
| DRAWINGS                   | <a href="#">eaton-wiring-diagram-z-sch-klem-bez4.jpg</a>                    |
|                            | <a href="#">eaton-3d-drawing-sch-pack.jpg</a>                               |
|                            | <a href="#">eaton-3d-drawing-z-r-sch-einbau.jpg</a>                         |
| MCAD MODEL                 | <a href="#">eaton-dimensions-ma-sch40.jpg</a>                               |
|                            | <a href="#">eaton-installation-contactor-mcad-drawings-r40-r63-3mu.dwg</a>  |
|                            | <a href="#">eaton-installation-contactor-mcad-3d-models-r40-r63-3mu.stp</a> |

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|   |       |
|---|-------|
| <b>BUILT-IN DEPTH</b>   | 60 mm |
| <b>VOLTAGE TYPE</b>   | AC    |
| <b>UTILIZATION CATEGORY<br/>(ACCORDING TO EN IEC<br/>60947-4-1)</b> | AC-1  |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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