

# Specifikace



## Eaton 1318543

Eaton QSA Fuse switch-disconnector, 3 pole, rear mounting, 800 A, NH3

### Obečné specifikace

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton QSA Fuse switch-disconnector                                       |
| <b>CATALOG NUMBER</b>       | 1318543                                                                  |
| <b>EAN</b>                  | 8711426951570                                                            |
| <b>PRODUCT LENGTH/DEPTH</b> | 280 mm                                                                   |
| <b>PRODUCT HEIGHT</b>       | 240 mm                                                                   |
| <b>PRODUCT WIDTH</b>        | 355 mm                                                                   |
| <b>PRODUCT WEIGHT</b>       | 14.62 kg                                                                 |
| <b>CERTIFICATIONS</b>       | RoHS<br>IEC/EN 60947<br>IEC/EN 60947-3<br>VDE 0660<br>IEC/EN 60204<br>CE |
| <b>MODEL CODE</b>           | QSA800-3/3                                                               |

## Klimatické podmínky a podmínky prostředí

|                                     |       |
|-------------------------------------|-------|
| AMBIENT OPERATING TEMPERATURE - MAX | 55 °C |
|-------------------------------------|-------|

|                                   |       |
|-----------------------------------|-------|
| AMBIENT STORAGE TEMPERATURE - MAX | 80 °C |
|-----------------------------------|-------|

|                                     |        |
|-------------------------------------|--------|
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
|-------------------------------------|--------|

|                                   |        |
|-----------------------------------|--------|
| AMBIENT STORAGE TEMPERATURE - MIN | -30 °C |
|-----------------------------------|--------|

|                             |       |
|-----------------------------|-------|
| OPERATING TEMPERATURE - MAX | 55 °C |
|-----------------------------|-------|

|                             |        |
|-----------------------------|--------|
| OPERATING TEMPERATURE - MIN | -25 °C |
|-----------------------------|--------|

## Kontakty

|                                                         |   |
|---------------------------------------------------------|---|
| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
|---------------------------------------------------------|---|

|                                                       |   |
|-------------------------------------------------------|---|
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
|-------------------------------------------------------|---|

## Ověření návrhu

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                                                       |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                                                                                       |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                                                       |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                                                       |
| <b>10.5 PROTECTION</b>                                                                  | Does not apply, since the                                                                                                        |

## Jmenovité elektrické charakteristiky

|                                                        |                                                                     |
|--------------------------------------------------------|---------------------------------------------------------------------|
| <b>RATED INSULATION VOLTAGE (UI)</b>                   | 690 V                                                               |
| <b>RATED OPERATING VOLTAGE (UE) AT AC - MAX</b>        | 690 V                                                               |
| <b>RATED OPERATIONAL POWER AT AC-23A, 400 V, 50 HZ</b> | 500 kW                                                              |
| <b>RATED UNINTERRUPTED CURRENT (IU)</b>                | 800 A                                                               |
| <b>UNINTERRUPTED CURRENT</b>                           | Rated uninterrupted current Iu is specified for max. cross-section. |

|                                                                      |                                                                    |
|----------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>AGAINST ELECTRIC SHOCK</b>                                        | entire switchgear needs to be evaluated.                           |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>        | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>             | Is the panel builder's responsibility.                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                      | Is the panel builder's responsibility.                             |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                      | Is the panel builder's responsibility.                             |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                              | Is the panel builder's responsibility.                             |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>      | Is the panel builder's responsibility.                             |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>            | 0 W                                                                |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                               | 0 W                                                                |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>             | 58 W                                                               |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 800 A                                                              |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0 W                                                                |

## Features & functions

|                        |                        |
|------------------------|------------------------|
| <b>FEATURES</b>        | Version as main switch |
| <b>FITTED WITH:</b>    | Connectors             |
| <b>FUNCTIONS</b>       | Optional Stop Function |
| <b>NUMBER OF POLES</b> | Three-pole             |

## Obecné informace

|                                          |                                                        |
|------------------------------------------|--------------------------------------------------------|
| <b>ACCESSORIES</b>                       | Auxiliary contact or neutral conductor fitted by user. |
| <b>ACTUATOR TYPE</b>                     | Without actuator                                       |
| <b>CONSTRUCTION SIZE</b>                 | NH3                                                    |
| <b>DEGREE OF PROTECTION</b>              | IP20, with terminal cover<br>IP00                      |
| <b>DEGREE OF PROTECTION (FRONT SIDE)</b> | IP00                                                   |
| <b>MOUNTING METHOD</b>                   | Rear mounting                                          |
| <b>MOUNTING POSITION</b>                 | As required                                            |
| <b>OVERVOLTAGE CATEGORY</b>              | III                                                    |
| <b>POLLUTION DEGREE</b>                  | 3                                                      |

|                                               |                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------|
| <b>PRODUCT CATEGORY</b>                       | <ul style="list-style-type: none"> <li>Fuse-switch-disconnector</li> <li>Main switch</li> </ul> |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b> | 6000 V                                                                                          |
| <b>SUITABLE FOR</b>                           | DIN fuse-links (blade contacts type)<br>Ground mounting<br>Front mounting                       |

## Zdroje

|                            |                                                                                                                                                                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-fuse-switch-disconnector-declaration-of-conformity-eu251492en.pdf</a>                                                                                                                                                                                                                                 |
| ECAD MODEL                 | <a href="#">DA-CE-ETN.QSA800-3_3</a>                                                                                                                                                                                                                                                                                    |
| INSTALAČNÍ NÁVODY          | <a href="#">IL008013ZU</a>                                                                                                                                                                                                                                                                                              |
| SCHÉMATA ZAPOJENÍ          | <a href="#">eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.eps</a><br><a href="#">eaton-rotary-switches-t0-on-off-switch-wiring-diagram-068.eps</a>                                                                                                                                                  |
| VÝKRESY                    | <a href="#">eaton-rotary-switches-gsa-fuse-switch-disconnector-dimensions-011.eps</a><br><a href="#">eaton-general-mounting-p1-main-switch-symbol-002.eps</a><br><a href="#">eaton-rotary-switches-gsa-fuse-switch-disconnector-3d-drawing-004.eps</a><br><a href="#">eaton-rotary-switches-drawing-1150swi-502.eps</a> |

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**NÁZEV PROJEKTU:**

**ČÍSLO PROJEKTU:**

**PŘIPRAVIL:**

**DATUM:**

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