

# Specifications



Photo is representative

## Eaton 206910

Eaton xEffect Accessories LV systems  
Accessories and replacement parts for LV  
switchgear. Cable gland, M20, RAL 7035,  
IP68

### General specifications

|                                 |                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton xEffect Accessories<br>LV systems Accessories<br>and replacement parts for<br>LV switchgear |
| <b>CATALOG NUMBER</b>           | 206910                                                                                            |
| <b>MODEL CODE</b>               | V-M20                                                                                             |
| <b>EAN</b>                      | 4015082069100                                                                                     |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 140 mm                                                                                            |
| <b>PRODUCT HEIGHT</b>           | 85 mm                                                                                             |
| <b>PRODUCT WIDTH</b>            | 81 mm                                                                                             |
| <b>PRODUCT WEIGHT</b>           | 0.015 kg                                                                                          |
| <b>COMPLIANCES</b>              | RoHS conform                                                                                      |
| <b>CERTIFICATIONS</b>           | IEC/EN 60947<br>VDE 0660                                                                          |
| <b>CATALOG NOTES</b>            | OBSOLETE SEE<br>SUPERSEDURE                                                                       |
| <b>GLOBAL CATALOG</b>           | 206910                                                                                            |



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## Product specifications

|                                          |                                                                                                                                                                                                        |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USED WITH                                | Cable glands                                                                                                                                                                                           |
|                                          | H05VV-F 2.5 mm <sup>2</sup> (4x) or 4 mm <sup>2</sup> (3x)                                                                                                                                             |
|                                          | NYM 1.5 mm <sup>2</sup> (5x) or 2.5 mm <sup>2</sup> (5x)                                                                                                                                               |
|                                          | General switchboard accessory                                                                                                                                                                          |
| POLLUTION DEGREE                         | 3                                                                                                                                                                                                      |
| NEMA RATING                              | UL/CSA Type 3R, 4X, 12, 13                                                                                                                                                                             |
|                                          | 1                                                                                                                                                                                                      |
| SURFACE FINISHING                        | RAL 7035, light gray                                                                                                                                                                                   |
| SPECIAL FEATURES                         | <ul style="list-style-type: none"> <li>Flammability classification V2 according to UL94</li> <li>With lock nut and built-in strain relief</li> <li>With lock nut and built-in strain relief</li> </ul> |
|                                          |                                                                                                                                                                                                        |
| TYPE                                     | <ul style="list-style-type: none"> <li>Accessory</li> <li>General switchboard accessory</li> </ul>                                                                                                     |
|                                          |                                                                                                                                                                                                        |
| CLIMATIC PROOFING                        | Damp heat, cyclic, to IEC 60068-2-30                                                                                                                                                                   |
|                                          | Damp heat, constant, to IEC 60068-2-78                                                                                                                                                                 |
| CONNECTION TO SMARTWIRE-DT               | No connection to SmartWire-DT                                                                                                                                                                          |
| CHEMICAL RESISTANCE                      | Resistant against: acetone, petrol, paraffin, diesel, grease, oil, solvent for paints and varnishes                                                                                                    |
| MATERIAL                                 | Plastic                                                                                                                                                                                                |
|                                          | Polyamide                                                                                                                                                                                              |
|                                          | Halogen free                                                                                                                                                                                           |
| COLOR                                    | Gray                                                                                                                                                                                                   |
| MOUNTING POSITION                        | As required                                                                                                                                                                                            |
| NOMINAL THREAD SIZE METRIC/PG            | 20                                                                                                                                                                                                     |
| NOMINAL THREAD SIZE INCH/GAS PIPE THREAD | Other                                                                                                                                                                                                  |
| PITCH THREAD                             | 1.5 mm                                                                                                                                                                                                 |
| THREAD LENGTH                            | 10 mm                                                                                                                                                                                                  |
| WRENCH WIDTH                             | 30 mm                                                                                                                                                                                                  |
| HEXAGON ANGULAR DIMENSION                | 0 mm                                                                                                                                                                                                   |

## Resources

|                               |                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------|
| CATALOGS                      | <a href="#">eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf</a>                   |
|                               | <a href="#">eaton-xeffect-cs-enclosure-catalog-fk4300-1178gb-en-us.pdf</a>                      |
| DECLARATIONS OF CONFORMITY    | <a href="#">eaton-lv-systems-declaration-of-conformity-eu250383en.pdf</a>                       |
| DRAWINGS                      | <a href="#">eaton-insulated-boards-cable-xeffect-accessories-cable-gland-dimensions-005.eps</a> |
|                               | <a href="#">eaton-insulated-boards-cable-xeffect-accessories-cable-gland-3d-drawing.eps</a>     |
| MCAD MODEL                    | <a href="#">v_m_3.stp v_m_3</a>                                                                 |
| SALES NOTES                   | <a href="#">eaton-dol-3phase-ac-motor-starter-ms-16a-flyer-fl034009en-en-us.pdf</a>             |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Eaton Specification Sheet - 206910</a>                                              |

|                                            |                                                  |
|--------------------------------------------|--------------------------------------------------|
| <b>SUITABLE FOR CABLE DIAMETER - MAX</b>   | 13 mm                                            |
| <b>SUITABLE FOR CABLE DIAMETER - MIN</b>   | 6 mm                                             |
| <b>MATERIAL QUALITY</b>                    | Polyamide (PA)                                   |
| <b>SURFACE PROTECTION</b>                  | Untreated                                        |
| <b>DEGREE OF PROTECTION (IP)</b>           | IP68                                             |
| <b>MODEL</b>                               | Straight                                         |
| <b>TYPE OF SEALING</b>                     | Cut-out ring                                     |
| <b>FOR EX-ZONE GAS</b>                     | None                                             |
| <b>FOR EX-ZONE DUST</b>                    | None                                             |
| <b>OVERVOLTAGE CATEGORY</b>                | III                                              |
| <b>TEMPERATURE RESISTANCE</b>              | -20 °C - 100 °C, short-time up to approx. 120 °C |
| <b>FITTED WITH:</b>                        | Strain Relief<br>Locknut                         |
| <b>FLAMMABILITY CHARACTERISTICS (UL)</b>   | V2 (UL94)                                        |
| <b>LAMP TYPE INCLUDED</b>                  | Halogen Free                                     |
| <b>FLAME RETARDANT</b>                     | Glow wire test 750 °C according to EN 60695-2-11 |
| <b>THREAD TYPE</b>                         | Metric                                           |
| <b>PROTECTION, PROOFING AND RESISTANCE</b> | Shock Resistant                                  |
| <b>ACCESSORY/SPARE PART TYPE</b>           | Cable management<br>Cable screw gland            |
| <b>STRESS FRACTURE RISK</b>                | Low                                              |
| <b>UNIT TYPE</b>                           | Single unit                                      |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 70 °C                                            |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -25 °C                                           |
| <b>OPENING DIAMETER</b>                    | 20.5 mm                                          |
| <b>OPERATING TEMPERATURE - MAX</b>         | 120 °C                                           |
| <b>OPERATING TEMPERATURE - MIN</b>         | -20 °C                                           |
| <b>OUTER CABLE DIAMETER - MAX</b>          | 13 mm                                            |
| <b>OUTER CABLE DIAMETER - MIN</b>          | 6 mm                                             |
| <b>RAL-NUMBER</b>                          | 7035                                             |
| <b>RATED INSULATION VOLTAGE (UI)</b>       | 500 V                                            |
| <b>CABLE ENTRY TYPE</b>                    | M20                                              |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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