

# 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 LV systems Accessories and replacement parts for LV switchgear
<b>CATALOG NUMBER</b>	206910
<b>MODEL CODE</b>	V-M20
<b>EAN</b>	4015082069100
<b>PRODUCT 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 VDE 0660
<b>CATALOG NOTES</b>	OBSOLETE SEE SUPERSEDURE
<b>GLOBAL CATALOG</b>	206910
<b>PRODUCT TYPE</b>	LV systems



Powering Business Worldwide

## Product specifications

<b>USED WITH</b>	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 Accessory
<b>POLLUTION DEGREE</b>	3
<b>NEMA RATING</b>	UL/CSA Type 3R, 4X, 12, 13 1
<b>SURFACE FINISHING</b>	RAL 7035, light gray
<b>SPECIAL FEATURES</b>	<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>
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Accessory</li> <li>• General switchboard accessory</li> </ul>
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>CONNECTION TO SMARTWIRE-DT</b>	No connection to SmartWire-DT
<b>CHEMICAL RESISTANCE</b>	Resistant against: acetone, petrol, paraffin, diesel, grease, oil, solvent for paints and varnishes
<b>MATERIAL</b>	Plastic Polyamide Halogen free
<b>COLOR</b>	Gray
<b>MOUNTING POSITION</b>	As required
<b>NOMINAL THREAD SIZE METRIC/PG</b>	20
<b>NOMINAL THREAD SIZE INCH/GAS PIPE THREAD</b>	Other
<b>PITCH THREAD</b>	1.5 mm
<b>THREAD LENGTH</b>	10 mm
<b>WRENCH WIDTH</b>	30 mm
<b>SUITABLE FOR CABLE DIAMETER - MAX</b>	13 mm

## Resources

<b>CATALOGS</b>	<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>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-lv-systems-declaration-of-conformity-eu250383en.pdf</a>
<b>DRAWINGS</b>	<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>
<b>MCAD MODEL</b>	<a href="#">v_m_3.stp v_m_3</a>
<b>SALES NOTES</b>	<a href="#">eaton-dol-3phase-ac-motor-starter-ms-16a-flyer-fl034009en-en-us.pdf</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - 206910</a>

<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 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 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
<b>FOR WALL THICKNESS - MIN</b>	0.5 mm

---

<b>FOR WALL THICKNESS - MAX</b>	2.5 mm
<b>CONNECTION TYPE TO HOUSING</b>	Screwing
<b>TYPE OF STRAIN RELIEF ACCORDING TO EN 62444</b>	Type A
<b>MATERIAL SEALING</b>	Ethylene-propylene diene monomer rubber (EPDM)

---

---

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

---



**Eaton Corporation plc** Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

