

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

PRODUCT NAME	Eaton xEffect Accessories LV systems Accessories and replacement parts for LV switchgear
CATALOG NUMBER	206910
MODEL CODE	V-M20
EAN	4015082069100
PRODUCT LENGTH/DEPTH	140 mm
PRODUCT HEIGHT	85 mm
PRODUCT WIDTH	81 mm
PRODUCT WEIGHT	15 g
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60947 VDE 0660
CATALOG NOTES	OBSOLETE SEE SUPERSEDURE
GLOBAL CATALOG	206910
PRODUCT TYPE	LV systems



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Product specifications

USED WITH	Cable glands
	H05VV-F 2.5 mm ² (4x) or 4 mm ² (3x)
	NYM 1.5 mm ² (5x) or 2.5 mm ² (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	- Flammability classification V2 according to UL94 - With lock nut and built-in strain relief - With lock nut and built-in strain relief
TYPE	- Accessory - General switchboard accessory
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
SUITABLE FOR CABLE DIAMETER - MAX	13 mm

Resources

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

SUITABLE FOR CABLE DIAMETER - MIN	6 mm
MATERIAL QUALITY	Polyamide (PA)
SURFACE PROTECTION	Untreated
DEGREE OF PROTECTION (IP)	IP68
MODEL	Straight
TYPE OF SEALING	Cut-out ring
FOR EX-ZONE GAS	None
FOR EX-ZONE DUST	None
OVERVOLTAGE CATEGORY	III
TEMPERATURE RESISTANCE	-20 °C - 100 °C, short-time up to approx. 120 °C
FITTED WITH:	Strain Relief Locknut
FLAMMABILITY CHARACTERISTICS (UL)	V2 (UL94)
LAMP TYPE INCLUDED	Halogen Free
FLAME RETARDANT	Glow wire test 750 °C according to EN 60695-2-11
THREAD TYPE	Metric
PROTECTION, PROOFING AND RESISTANCE	Shock Resistant
ACCESSORY/SPARE PART TYPE	Cable management Cable screw gland
STRESS FRACTURE RISK	Low
UNIT TYPE	Single unit
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
OPENING DIAMETER	20.5 mm
OPERATING TEMPERATURE - MAX	120 °C
OPERATING TEMPERATURE - MIN	-20 °C
OUTER CABLE DIAMETER - MAX	13 mm
OUTER CABLE DIAMETER - MIN	6 mm
RAL-NUMBER	7035
RATED INSULATION VOLTAGE (UI)	500 V
CABLE ENTRY TYPE	M20
FOR WALL THICKNESS - MIN	0.5 mm

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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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