

Specifications



Eaton 224556

Eaton xEffect E-FAN Enclosures Switch- & Controlgear Enclosure. Pressure compensating grommet, M25, IP50

General specifications

PRODUCT NAME	Eaton xEffect E-FAN Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	224556
MODEL CODE	KT-M25F
EAN	4015082245566
PRODUCT LENGTH/DEPTH	15 mm
PRODUCT HEIGHT	25 mm
PRODUCT WIDTH	25 mm
PRODUCT WEIGHT	0.007 kg
COMPLIANCES	RoHS conform

Additional information

FEATURES	Watertight
SPECIAL FEATURES	• Fitting below or on side of enclosure • Ventilation grommet with filter
STRESS FRACTURE RISK	Relative high
USED WITH	CS-... Metric General switchboard accessory Accessory panel building

Design verification to IEC/EN 61439 - technical data

TEMPERATURE RESISTANCE	Temperature resistant: 0 °C - 60 °C, short-time up to approx. 80 °C
-------------------------------	---

Delivery programme

ACCESSORY/SPARE PART TYPE	Pressure compensating plug, pressure compensating grommets Cable management
COLOR	Pebble gray (RAL 7032) + white Gray
MODEL	Closed
TYPE	• Accessory panel building • General switchboard accessory

Technical data - mechanical

BORE DIAMETER	25.5 mm
CABLE ENTRY TYPE	M25 Round
CHEMICAL RESISTANCE	Resistant against, diluted non-oxidising acids, lye and salt, alcohol, aromatic and halogen-free hydrocarbon, surfactant.
DEGREE OF PROTECTION	IP50 Other
FOR WALL THICKNESS - MAX	4.5 mm
FOR WALL THICKNESS - MIN	1 mm
MATERIAL	Other PE and PVC
MATERIAL QUALITY	Polyvinyl chloride (PVC)
NUMBER OF CABLES - MAX	1
NUMBER OF CABLES - MIN	1
OPENING DIAMETER	25.5 mm
SURFACE PROTECTION	Other
THREAD SIZE	M25
THREAD SIZE (PG)	0
OPERATING TEMPERATURE - MAX	40 °C
OPERATING TEMPERATURE - MIN	-5 °C

Resources

CATALOGUES [eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf](#)

CERTIFICATION REPORTS [eaton-xeffect-e-fan-filter-based-fan-air-exit%20filter-declaration-of-conformity.pdf](#)
[eaton-xeffect-e-fan-electrical-cabinet-heater-declaration-of-conformity.pdf](#)

DRAWINGS [eaton-insulated-boards-xeffect-e-fan-enclosure-dimensions.eps](#)
[eaton-control-panels-xeffect-e-fan-enclosure-3d-drawing.eps](#)

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.

