

# Specifications



## Eaton 231986

Eaton Moeller® series ES Key, ronis: C, D, H, J, m, N, P, Q

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series ES Accessory Key
<b>CATALOG NUMBER</b>	231986
<b>MODEL CODE</b>	ES-TM-RONIS-SCHALTER
<b>EAN</b>	4015082319861
<b>PRODUCT LENGTH/DEPTH</b>	40 mm
<b>PRODUCT HEIGHT</b>	20 mm
<b>PRODUCT WIDTH</b>	2 mm
<b>PRODUCT WEIGHT</b>	0.005 kg
<b>COMPLIANCES</b>	CE

## Features & Functions

<b>FUNCTIONS</b>	Key operation lock mechanism
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## Climatic environmental conditions

<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
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<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	50 °C
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## General

<b>ACCESSORY/SPARE PART TYPE</b>	Accessory
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<b>TYPE</b>	Spare key
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## Design verification

<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
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<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
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<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
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<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
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<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
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<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
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<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
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<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
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<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
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<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
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<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
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<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
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<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
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<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
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<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the 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>10.10 TEMPERATURE RISE</b>	Not applicable.
<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.

## Resources

<b>BROCHURES</b>	<a href="#">Brochure - T Rotary Cam switch and P Switch-disconnector</a>
<b>CATALOGUES</b>	<a href="#">P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-00004893.pdf</a> <a href="#">DA-DC-00004922.pdf</a>
<b>DRAWINGS</b>	<a href="#">eaton-rotary-switches-key-tool-es-key-3d-drawing.eps</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Eaton's P Switch-disconnectors used in a factory</a>

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**PROJECT NAME:**

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**PROJECT NUMBER:**

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**PREPARED BY:**

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**DATE:**

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### Eaton Corporation plc

Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

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