

**Part no.**                      **+IVS/S-P**  
**231981**

<b>General specifications</b>		
Product name		Eaton Moeller® series IVS Accessory Front element for TM switch
Part no.		+IVS/S-P
EAN		4015082319816
Product Length/Depth		20 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.1 kilogram
Compliances		CE
Product Tradename		IVS
Product Type		Accessory
Product Sub Type		Front element for TM switch
Catalog Notes		Example: +EZ/S-D can be used with a step switch with 6 steps and a switching angle of 30° if the key should only be withdrawable in the 270° and 90° positions. The RONIS lock for 60° can be used for other switching angles as well (for example) if the key withdrawability characteristics match the switch. When ordering with basic unit
<b>Features &amp; Functions</b>		
Bezel color		Black
Bezel material		Plastic
Fitted with:		Front ring
Functions		Key operation lock mechanism
Locking facility		RONIS-lock (60°)
<b>General information</b>		
Accessories		2 keys included with supplied equipment.
Degree of protection		NEMA 12
Degree of protection (front side)		IP65
Opening diameter		0 mm
Type		Locking arrangements
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		50 °C
<b>Actuator</b>		
Actuator color		Silver
Actuator type		Key
Number of switch positions		0
<b>Design verification</b>		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdiss		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0 W
10.2.2 Corrosion resistance		Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects		Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Meets the product standard's requirements.
10.2.5 Lifting		Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact		Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions		Meets the product standard's requirements.
10.3 Degree of protection of assemblies		Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances		Meets the product standard's requirements.
10.5 Protection against electric shock		Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components		Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections		Is the panel builder's responsibility.
10.8 Connections for external conductors		Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength		Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage		Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material		Is the panel builder's responsibility.
10.10 Temperature rise		Not applicable.
10.11 Short-circuit rating		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function		The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss13-27-37-12-13 [AKF031019])		
Number of switch positions		0
Type of control element		Key
Suitable for illumination		No
Colour control element		Silver
Colour indicator light cap		Other
Construction type lens		Square
Hole diameter	mm	0
Width opening	mm	0
Height opening	mm	0
Switching function latching		No
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Black
Degree of protection (IP), front side		IP65
Degree of protection (NEMA)		12