

**Front element, for TM switch, IVS-, key operation lock mechanism,
MICROMECC no.F**

Part no. **+IVS/S-F**
232038

General specifications		
Product name		Eaton Moeller® series IVS Accessory Front element for TM switch
Part no.		+IVS/S-F
EAN		4015082320386
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		When ordering with basic unit
Features & Functions		
Bezel color		Black
Bezel material		Plastic
Fitted with:		Front ring
Functions		Key operation lock mechanism
Locking facility		MICROMECC lock (90°)
General information		
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
Climatic environmental conditions		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		50 °C
Actuator		
Actuator color		Silver
Actuator type		Key
Number of switch positions		0
Design verification		
Equipment heat dissipation, current-dependent P _{vid}		0 W
Heat dissipation capacity P _{diss}		0 W
Heat dissipation per pole, current-dependent P _{vid}		0 W
Rated operational current for specified heat dissipation (I _n)		0 A
Static heat dissipation, non-current-dependent P _{vs}		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