Insulated enclosure, HxWxD=160x100x80mm, +hinged cover



Part no. CI-K2-80-K 211108

General specifications	
Product name	Eaton Moeller® series CI-K Insulated enclosure
Part no.	C1-K2-80-K
EAN	4015082111083
Product Length/Depth	181 millimetre
Product height	100 millimetre
Product width	100 millimetre
Product weight	0.342 kilogram
Certifications	IEC/EN 60529 UL94: HB DIN EN 62208 UL94: VO/1.5 mm thickness IEC 60068-2-11
Product Tradename	CI-K
Product Type	Insulated enclosure
Product Sub Type	None
Catalog Notes	Lamp indicator L can be mounted in base knock-out M20/M25 Membrane grommets, cable glands Chapter 14, Accessories Transparent hinged cover for devices requiring 2 to 4 space units
Features & Functions	
Enclosure color	Light gray, Cover (RAL 7035) Black (RAL 9005) Light gray, Operator (RAL 7035)
Enclosure material	1 $\Omega \times 10^{13}$ (Surface resistance to IEC 60093) Plastic
Features	UV resistance beneath protective shield Halogen free
Fitted with:	Hinged cover Control cable entry
Knockouts	Metric cable entry knockouts at the top, bottom and back plate Hard metric cable entry knockouts
General information	
Cover material	Glass-fiber reinforced polycarbonate
Degree of protection	IP54 NEMA Other
Dielectric strength	30 kV/mm, according to IEC 60243-1
Flammability characteristics	960 °C/1 mm thickness (base, cover; glow wire to VDE 0471 Part 2) 650 °C/1 mm thick (push-through membrane and seal material) to VDE 0471 Part 2
Model	Surface mounting
Mounting depth	70 mm
Mounting weight capacity - max	0.7 kg
Product category	Empty enclosures
Suitable for	Emergency stop
Surface treatment	Resistant to corrosion
Track resistance	CTI 175 (base, to IEC 60112) CTI 175 (cover, to IEC 60112)
Туре	Basic enclosure
Water consumption	0.29 % (According to DIN EN ISO 62)
Ambient conditions, mechanical	
Environmental resistance	Partly resistant to greases Partly resistant to acids (> 10%) Not resistant to Mineral oil Resistant against alkalis Resistant against alcohol Resistant against gasoline Resistant against salt solutions Resistant against greases Resistant against acids (< 10%)

Ambient operating temperature - min -25 °C Ambient operating temperature - max 70 °C Climatic proofing Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78		
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-0 -80 °C (gasket) -0 -80 °C (gasket)	Impact resistance	IK06 (according to EN 50102)
Ambient operating temperature - min Ambient operating temperature - max Cimatic proofing Damp heat, cyclic, to IEC 60088-2-30 Damp heat, cyclic, to IEC 60088-2-78 Design verification Equipment heat dissipation, current-dependent Pvid Heat dissipation capacity Pdiss 10 W Heat dissipation per polic, current-dependent Pvid Design designation per polic, current-dependent Pvid Damp heat, constaint, to IEC 60088-2-78 Design verification of resistance designation, one-current-dependent Pvid Dated dissipation, non-current-dependent Pvid Dated dissipation, non-current-dependent Pvid Dated dissipation, non-current-dependent Pvid Dated dissipation of thermel stability of enclosures Dated dissipation, non-current-dependent Pvis Dated dissipation, non-current-dependent Pvis Dated dissipation of thermel stability of enclosures Dated dissipation of sequirements. Dated dissipation of insulation materials to normal head Dated dissipation of sequirements. Dated distinct sequirements. Dated distinc	Temperature resistance	
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	10.13 Mechanical function	

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (eci@ss13-27-37-13-01 [AKN343019])

(ecl@ss13-27-37-13-01 [AKN343019])		
Housing material		Plastic
Width	mm	100
Height	mm	100
Depth	mm	181
With transparent cover		No
Suitable for emergency stop		Yes
Model		Surface mounting
Degree of protection (IP)		IP54
Degree of protection (NEMA)		Other