DATASHEET - K-CI-K5

Neutral terminal

Part no. K-CI-K5
218488

Product name	Eaton Moeller® series K-CI Accessory Neutral terminal
Part no.	K-CI-K5
EAN	4015082184889
Product Length/Depth	36 millimetre
Product height	60 millimetre
Product width	18 millimetre
Product weight	0.05 kilogram
Certifications	UL/CSA certification not required
Product Tradename	K-CI
Product Type	Accessory
Product Sub Type	Neutral terminal
Fitted with:	PE, N adhesive labels
Functions	For snap-fitting onto mounting rail Connection of a 5th conductor
Accessory/spare part type	Connector
Product category	CI-K small enclosures
Type	Neutral terminals
Used with	T5-…/I5, T5-…/I5
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °C
Terminal capacity	Round solid copper conductor, 2.5 - 50 mm^2 2 x 50 mm^2 Cu ribbon cable, 3 x 9 x 0.8 mm Round stranded copper conductor, 2.5 - 50 mm^2 Round flexible copper conductor with ferrule, 2.5 - 35 mm^2
Stripping length (main cable)	16 mm
Screw size	5 mm AF, Hexagon socket-head spanner
Rated operational voltage	690 V
Rated uninterrupted current (Iu)	150 A
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	7.5 W
Rated operational current for specified heat dissipation (In)	100 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			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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 8.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for low-voltage switch technology (EC002498)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])			
Type of accessory/spare part			Connector
Accessory			Yes
Spare part			No

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