DATASHEET - K-CI-K5

Neutral terminal

Part no.	K-CI-K5
	218488

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Powering Business Worldwide™

General specifications

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

Features & Functions

Fitted with:	PE, N adhesive labels
Functions	For snap-fitting onto mounting rail
	Connection of a 5th conductor

General information

Accessory/spare part type	Connector
Product category	CI-K small enclosures
Type	Neutral terminals
Used with	T5-…/I5,
	T5-…/I5

Climatic environmental conditions

Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °C

Terminal capacities

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

Electrical rating

Rated operational voltage	690 V
Rated uninterrupted current (Iu)	150 A

Design verification

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 9.0

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 switching technology (accessories) (ecl@ss13-27-37-13-92 [AKN570018])		
Type of accessory/spare part		Connector
Accessory		Yes
Spare part		No