

Part number

CKF 03 N



Female insert, CK series, screw terminal connection, 3 poles + PE, 10 A 230/400 V 4 kV 3, size "21.21", black colour

Product description

Product type	Insert
Series	CK
Connection type	Screw terminal connection
Gender	Female
N. of poles	3 poles + \perp
Size	Size "21.21"
Specification	Black colour Black colour

Technical data

Current	10 A
Voltage	230 - 400 V
Rated impulse withstand voltage	4 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
Wire cross-section	0,75 mm ² - 2,50 mm ²
AWG size	18 - 14
Contact type	Turned silver plated
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure

Further technical details

Characteristics according to EN 61984	10A 230/400V 4kV 3; 10A 400/690V 4kV 2
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 2 mΩ
Weight	13,50 g
Operating temperature range (min, max)	-40°C ... +100°C
Conductors stripping length	6 mm
UL 94 flammability rating	V-1
Torque for main contact	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)
Tightening torque for PE connection	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)

Material properties

Main material	Polycarbonate (PC)
Other materials	Contacts: copper alloy
Colour	RAL 9005 black
RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
China RoHs - EFUP	50
REACH SVHC substances	Yes Lead
SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6

Approvals / Standards

Reference standard	EN 61984:2009-06
Certifications	CSA, CQC, DNV, BV, EAC
UL	ECBT2

General ordering information

EAN13 code	8015747027991
eCl@ss 8.1	27440205
ETIM 7.0	EC000438

Packaging Information

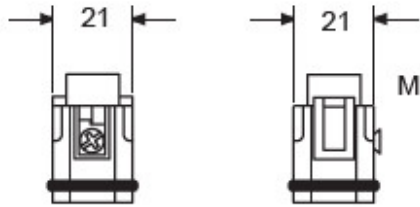
Packaging length	210,00 mm
Packaging height	200,00 mm
Packaging width	130,00 mm
Packaging weight	3,00 kg
Packaging volume	5,46 dm ³
Packaging description	Carton box
Packaging quantity	200 Pcs
Packaging EAN code	8015747028004
Sub-packaging length	197,00 mm
Sub-packaging height	35,00 mm
Sub-packaging width	113,00 mm
Sub-packaging weight	0,60 kg
Sub-packaging volume	0,78 dm ³
Sub-packaging description	Carton box
Sub-packaging quantity	40 Pcs
Sub-packaging EAN barcode	8015747028011

Part number

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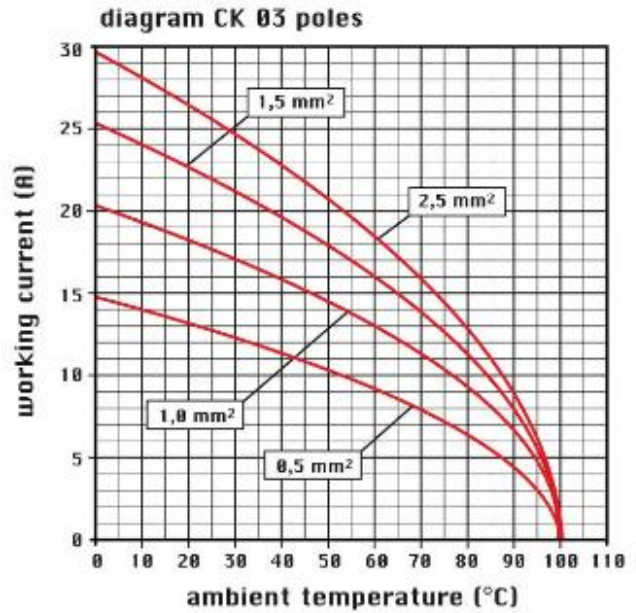
Catalogue drawings



contacts side (front view)



Derating curves



Notes

Dimensions shown in mm are not binding and may be changed without notice.

California Proposition 65 Information



WARNING

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov.

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