Product data sheet
Characteristics

LC1DWKF7C
TeSys D contactor for capacitor banks - 105A - coil 110 V 50/60Hz - 1NO+2NC



Commercial status
End of Commercialisation :

⚠ End of Commercialisation

Main

Range of product	TeSys Deca
Product or component type	Contactor
Device short name	LC1D
Contactor application	Power factor correction
Control circuit type	AC
Coil type	AC 50/60 Hz
Poles description	3P
Pole contact composition	3 NO
Current rating code of contactor	DWK
Auxiliary contact composition	1 NO + 2 NC
[Uc] control circuit voltage	110 V AC 50/60 Hz
Reactive power rating	40 Kvar at 220…240 V 50/60 Hz 55 °C 60 Kvar at 400…440 V 50/60 Hz 55 °C 92 Kvar at 660…690 V 50/60 Hz 55 °C

Complementary

Auxiliary contacts type	Type mechanically linked 1 NO + 1 NC conforming to IEC 60947-5-1
Mounting support	Rail Plate
Tightening torque	Power circuit: 9 N.m - on connector
[Ue] rated operational voltage	Power circuit: <= 690 V AC 50/60 Hz
Height	180 Mm
Width	85 Mm
Depth	154 Mm
Net weight	1.65 Kg

Environment

Standards	IEC 60947-4-1 IEC 60070 GB 14048.4 IEC 60831
Product certifications	CCC[RETURN]CE[RETURN]UKCA
IP degree of protection	IP2X conforming to IEC 60529
Protective treatment	TH conforming to IEC 60068-2-30
Ambient air temperature for operation	-5…60 °C
Ambient air temperature for storage	-60…80 °C
Operating altitude	3000 m without derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19 Cm
Package 1 Width	13 Cm
Package 1 Length	19 Cm
Package 1 Weight	1829.2 G
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	7.874 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	32
Package 3 Height	75 Cm
Package 3 Width	60 Cm
Package 3 Length	80 Cm
Package 3 Weight	72.994 Kg

Offer Sustainability

Recyclability potential, in %	67
Total lifecycle Carbon footprint	0 kg CO2 eq.
REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block