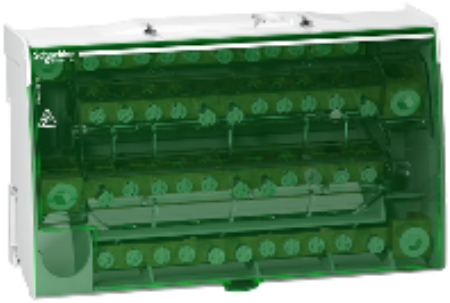
Product data sheet
Characteristics

LGY416048
Linergy DS - screw distribution block 4P - 160A - 48 holes



Main

Range	Linergy
Product name	Linergy DS
Product or component type	Distribution block

Complementary

Mounting support	DIN rail
Range compatibility	Prisma G Prisma P Prisma PH Prisma Pack Spacial Kaedra Pragma TeSys
Product compatibility	Spacial enclosures
Poles description	4P
Distribution block outgoers	4 x 12 holes
[Ue] rated operational voltage	230 V AC Ph/N 440 V AC Ph/Ph
[Ui] rated insulation voltage	500 V AC
[Uimp] rated impulse withstand voltage	8 KV
[Ie] rated operational current	160 A at 40 °C
[Icw] rated short-time withstand current	8.4 KA for 1 s
[Ipk] rated peak withstand current	36 KA
Connections - terminals	Distribution: screw terminal 8 cable(s) 2.5…25 mm² rigid Distribution: screw terminal 8 cable(s) 1.5…16 mm² flexible with cable end Distribution: screw terminal 3 cable(s) 4…25 mm² flexible with cable end Supply: screw terminal 1 cable(s) 25…70 mm² rigid Supply: screw terminal 1 cable(s) 16…50 mm² flexible with cable end Distribution: screw terminal 3 cable(s) 10…35 mm² rigid
Tightening torque	Distribution: 2 N.m flat screwdriver 7.5 mm Distribution: 2 N.m PZ2 screwdriver 7.5 mm Supply: 5 N.m flat screwdriver 12 mm Supply: 5 N.m PZ2 screwdriver 12 mm Distribution: 2.5 N.m flat screwdriver 9 mm Distribution: 2.5 N.m PZ2 screwdriver 9 mm
9 mm pitches	18
Height	100 Mm
Width	162 Mm
Depth	50.5 Mm
Net weight	0.557 Kg
Colour	White (RAL 9003)

Environment

Pollution degree	3
Overvoltage category	III
Dielectric strength	2500 V
Standards	EN/IEC 61439-1 EN/IEC 60947-7-1
Ambient air temperature for operation	-25…55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.500 Cm
Package 1 Width	10.800 Cm
Package 1 Length	18.000 Cm
Package 1 Weight	612.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	15
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	9.654 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	120
Package 3 Height	45.000 Cm
Package 3 Width	80.000 Cm
Package 3 Length	120.000 Cm
Package 3 Weight	91.420 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	B7c6f1d6-d622-4f6c-907b-f4c3173076cb
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
POP Directive	No POPs
Halogen-free status	Halogen free product
PVC free	Yes
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised