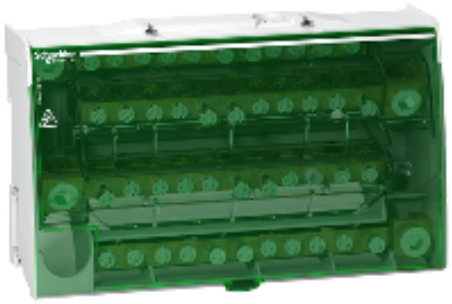
Product data sheet
Characteristics

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 Pragma Prisma - PH Prisma - Pack Spacial Kaedra 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 1 s
[Ipk] rated peak withstand current	36 kA
Connections - terminals	Distribution : screw terminal, 3 x 10...35 mm² (rigid) Distribution : screw terminal, 3 x 4...25 mm² (flexible) with cable end Distribution : screw terminal, 8 x 2.5...25 mm² (rigid) Distribution : screw terminal, 8 x 1.5...16 mm² (flexible) with cable end Supply : screw terminal, 1 x 25...70 mm² (rigid) Supply : screw terminal, 1 x 16...50 mm² (flexible) with cable end
Tightening torque	Distribution : Ø7.5 mm, 2 N.m with flat screwdriver Distribution : Ø7.5 mm, 2 N.m with PZ2 screwdriver

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	Supply : Ø12 mm, 5 N.m with flat screwdriver Supply : Ø12 mm, 5 N.m with PZ2 screwdriver Distribution : Ø9 mm, 2.5 N.m with flat screwdriver Distribution : Ø9 mm, 2.5 N.m with PZ2 screwdriver
9 mm pitches	20
Height	100 mm
Width	174 mm
Depth	50.5 mm
Product 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

Offer Sustainability

Sustainable offer status	Not Green Premium product

Contractual warranty

Warranty period	18 months