Product datasheet

Specifications



Easy9 switch disconnector - 4P - 100 A - 400 V

EZ9S16491

Main

Range	Easy9
Product or component type	Switch disconnector
Device short name	Easy9 switch
Switch application	Distribution
Poles	4P
Utilisation category	AC-22A
Suitability for isolation	Yes

Complementary

[Ie] rated operational current	100 A at 400 V 50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
[Icm] rated short-circuit making capacity	1.5 kA
[Icw] rated short-time withstand current	1.2 kA during 1 s
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV
Control type	Toggle
Local signalling	ON/OFF indication
Contact position indicator	Yes
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	66.5 mm
Colour	Grey
Mechanical durability	8500 cycles
Electrical durability	1500 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1…50 mm² rigid Tunnel type terminal (top or bottom) 1…35 mm² flexible
Tightening torque	3.5 N.m

Environment

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Standards	IEC 60947-3
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
Tropicalisation	2
Ambient air temperature for operation	-5…55 °C
Ambient air temperature for storage	-5…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.75 cm
Package 1 Width	7.21 cm
Package 1 Length	8.55 cm
Package 1 Weight	365.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8.2 cm
Package 2 Width	8.8 cm
Package 2 Length	22.3 cm
Package 2 Weight	1.09 kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	13.14 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**66 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**58 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.7 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**0dbcf8b1-4732-4e36-88bc-462a078c2d4c**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
Halogen-free status	**Product contains halogen above thresholds**
PVC free	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**42**
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 never end up in rubbish bins**