

# Product data sheet

Specifications



## Disconnect switch, TeSys VLS, additional earthing ground terminal, for 30A to 125A, size 2 (70mm), DIN mount

VLS1GR2

! To be discontinued on: 15 September 2023

! To be discontinued

### Main

Range	TeSys
Device short name	VLS1G
Product or component type	Additional earthing block
Performance level	High performance
Contacts type and composition	Without
Range compatibility	TeSys (TeSys VARIO LS) VLS3P TeSys (TeSys VARIO LS) VLS1P TeSys (TeSys VARIO LS) VLSA
Network type	AC
Network frequency	50/60 Hz

### Complementary

Mounting location	Right Left
Main device mounting mode	DIN rail
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	125 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	125 A
Connections - terminals	screw clamp terminals 0.08 in <sup>2</sup> (50 mm <sup>2</sup> ) solid screw clamp terminals 0.11 in <sup>2</sup> (70 mm <sup>2</sup> ) flexible - without cable end
Tightening torque	44.25...53.10 lbf.in (5...6 N.m) screw clamp terminals
Height	3.94 in (100 mm)
Width	0.91 in (23 mm)
Depth	1.73 in (43.9 mm)
Product weight	0.24 lb(US) (0.11 kg)
Colour	Grey

## Environment

Standards	UL98 CSA C22.2 No 4 IEC 60947-3
Product certifications	cULus GL
IP degree of protection	IP20 IEC 60529
Mechanical robustness	Vibrations 2...100 Hz Fc 0.7 g) IEC 60068-2-6 Shocks 11 ms Ea 15 gn) IEC 60068-2-27
Ambient air temperature for operation	-13...131 °F (-25...55 °C)
Fire resistance	1760 °F (960 °C) IEC 60695-2-11

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.50 in (6.35 cm)
Package 1 Width	2.80 in (7.112 cm)
Package 1 Length	4.50 in (11.43 cm)
Package 1 Weight	3.84 oz (108.863 g)
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	10.54 lb(US) (4.781 kg)

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	<a href="#">Yes</a>

## Recommended replacement(s)