

Product data sheet

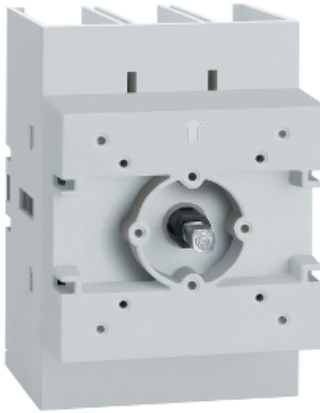
Characteristics

VLS3P100D2

TeSys VLS - Body switch disconnecter - 3 poles - 100 A - on door

Product availability : Stock - Normally stocked in distribution facility

Price** : 145.38 USD



Main

Range	TeSys
Product name	TeSys VARIO LS
Device short name	VLS3P
Product or component type	Switch body
Performance level	High performance
Poles description	3P
Contacts type and composition	3 NO
Network type	AC
Network frequency	50/60 Hz

Complementary

Mounting support	Door
[Ue] rated operational voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	100 A 131 °F (55 °C)
[Ithe] conventional enclosed thermal current	100 A
[Ie] rated operational current	47 A AC-23A Ue: 690 V 100 A Ue: 600 V UL98 100 A AC-21A Ue: 400 V 100 A AC-21A Ue: 500 V 100 A AC-21A Ue: 690 V 100 A AC-22A Ue: 400 V 100 A AC-22A Ue: 500 V 100 A AC-22A Ue: 690 V 100 A AC-23A Ue: 400 V 80 A AC-23A Ue: 500 V
Rated operational power in W	45 kW 500 V AC-23A) 45 kW 690 V AC-23A) 55 kW 400 V AC-23A)
Intermittent duty class	Class 120 - 60 %
Making capacity (I Rms)	1000 A 690 V AC-23A 150 A 690 V AC-21A

	300 A 690 V AC-22A
[Icm] rated short-circuit making capacity	3550 A 690 V
[Icw] rated short-time withstand Rms current	2500 A 690 V 1 s
Rated conditional short-circuit current	50 kA 400 V 100 A gG
Breaking capacity	150 A 690 V AC-21A) 300 A 690 V AC-22A) 800 A 690 V AC-23A)
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21
Connections - terminals	Power circuit screw clamp terminals 0.08 in ² (50 mm ²) solid Power circuit screw clamp terminals 0.11 in ² (70 mm ²) flexible - without cable end
Tightening torque	Power circuit 44.25...53.10 lbf.in (5...6 N.m) screw clamp terminals
Height	2.76 in (70 mm)
Width	2.76 in (70 mm)
Depth	3.94 in (100 mm)
Net weight	0.80 lb(US) (0.365 kg)
Color	Gray

Environment

Standards	IEC 60947-3 CSA C22.2 No 4 UL98
Product certifications	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

Ordering and shipping details

Category	21734 - TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	00785901566212
Returnability	Yes
Country of origin	IT

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)