

Product availability : Stock - Normally stocked in distribution facility



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
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	100 A at 55 °C
[Ithe] conventional enclosed thermal current	100 A
[Ie] rated operational current	47 A (AC-23A) at 690 V 100 A at 600 V according to UL98 100 A (AC-21A) at 400 V 100 A (AC-21A) at 500 V 100 A (AC-21A) at 690 V 100 A (AC-22A) at 400 V 100 A (AC-22A) at 500 V 100 A (AC-22A) at 690 V 100 A (AC-23A) at 400 V 80 A (AC-23A) at 500 V
Rated operational power in W	45 kW at 500 V (AC-23A) 45 kW at 690 V (AC-23A)

	55 kW at 400 V (AC-23A)
Intermittent duty class	Class 120 - 60 %
Making capacity	1000 A at 690 V] (AC-23A) 150 A at 690 V] (AC-21A) 300 A at 690 V] (AC-22A)
[Icm] rated short-circuit making capacity	3550 A at 690 V
[Icw] rated short-time withstand current	2500 A at 690 V during 1 s
Rated conditional short-circuit current	50 kA at 400 V - associated fuse 100 A gG
Breaking capacity	150 A at 690 V AC-21A 300 A at 690 V AC-22A 800 A at 690 V AC-23A
Mechanical durability	30000 cycles
Electrical durability	30000 cycles AC-21
Connections - terminals	Power circuit : screw clamp terminals cable 70 mm ² - cable stiffness: flexible - without cable end Power circuit : screw clamp terminals cable 50 mm ² - cable stiffness: solid
Tightening torque	Power circuit : 5..6 N.m - on screw clamp terminals
Height	2.76 in (70 mm)
Width	2.76 in (70 mm)
Depth	3.94 in (100 mm)
Product weight	0.8 lb(US) (0.365 kg)
Colour	Grey

Environment

Standards	IEC 60947-3 CSA C22.2 No 4 UL98
Product certifications	GL
IP degree of protection	IP20 conforming to 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) conforming to IEC 60695-2-11

Ordering and shipping details

Category	21734 - TESYS VLS DISCONNECT SWITCHES
Discount Schedule	CP1
GTIN	00785901566212
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9699999999999997
Returnability	Y
Country of origin	IT