

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
Control type	Rotary handle
Rotary handle mounting style	Direct
Handle colour	Black
Handle front plate colour	Grey
Suitability for isolation	Yes

Complementary

Rotary handle padlocking	1 padlock 4 mm
Marking	0 - 1
Mounting support	Back mounting on DIN rail
Fixing mode	By clips back
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	80 A at 55 °C
[Ithe] conventional enclosed thermal current	80 A
[Ie] rated operational current	63 A (AC-23A) at 500 V 47 A (AC-23A) at 690 V

	80 A (AC-21A) at 400 V 80 A (AC-21A) at 500 V 80 A (AC-21A) at 690 V 80 A (AC-22A) at 400 V 80 A (AC-22A) at 500 V 80 A (AC-22A) at 690 V 80 A (AC-23A) at 400 V 100 A at 600 V according to UL98
Rated operational power in W	45 kW at 500 V (AC-23A) 45 kW at 690 V (AC-23A) 45 kW at 400 V (AC-23A)
Intermittent duty class	Class 120 - 60 %
Making capacity	120 A at 690 V (AC-21A) 240 A at 690 V (AC-22A) 800 A at 690 V (AC-23A)
[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 80 A gG
Breaking capacity	120 A at 690 V AC-21A 240 A at 690 V AC-22A 640 A at 690 V AC-23A
Device composition	Handle Switch
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	2.95 in (75 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	00785901560500
Nbr. of units in pkg.	1
Package weight(Lbs)	0.9200000000000004
Returnability	Y
Country of origin	IT