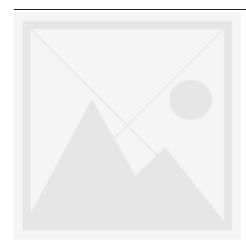
Product data sheet Characteristics

VLS1P063D2S

TeSys VLS - additional pole - 63 A - door - size 2

Product availability: Stock - Normally stocked in distribution facility



Main

Range	TeSys	
Device short name	VLS1P	
Product or component type	Additional pole	-
Performance level	High performance	
Poles description	1P	
Contacts type and composition	1 NO	
Contacts operation	Simultaneous	
Range compatibility	TeSys VARIO LS VLS3P	
Network type	AC	
Network frequency	50/60 Hz	
Suitability for isolation	Yes	

Complementary

Mounting location	Left Right
Mounting support	Door
System Voltage	690 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ith] conventional free air thermal current	63 A at 55 °C
[Ithe] conventional enclosed thermal current	63 A
[le] rated operational current	63 A (AC-21A) at 400 V 63 A (AC-21A) at 500 V 63 A (AC-21A) at 690 V 63 A (AC-22A) at 400 V 63 A (AC-22A) at 500 V 63 A (AC-22A) at 690 V 63 A (AC-23A) at 400 V 63 A (AC-23A) at 500 V 47 A (AC-23A) at 690 V

Rated operational power in W	45 kW at 500 V (AC-23A) 45 kW at 690 V (AC-23A) 30 kW at 400 V (AC-23A)	
Intermittent duty class	Class 120 - 60 %	
Making capacity	94.5 A at 690 V (AC-21A) 189 A at 690 V (AC-22A) 630 A at 690 V (AC-23A)	
[lcm] rated short-circuit making capacity	3550 A at 690 V	
[lcw] 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 63 A gG	
Breaking capacity	94.5 A at 690 V AC-21A 189 A at 690 V AC-22A 504 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 mm² - cable stiffness: flexible - without cable end Power circuit: screw clamp terminals cable 50 mm² - cable stiffness: solid	
Tightening torque	Power circuit : 56 N.m - on 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)	

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 2100 Hz Fc 0.7 g IEC 60068-2-6 Shocks Ea 15 gn IEC 60068-2-27	
Ambient air temperature for operation	-13131 °F (-2555 °C)	
Fire resistance	1760 °F (960 °C) conforming to IEC 60695-2-11	

Ordering and shipping details

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Category	21734 - TESYS VLS DISCONNECT SWITCHES	
Discount Schedule	CP1	
GTIN	00785901567226	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.28999999999998	
Returnability	Υ	
Country of origin	IT	