DATASHEET - VLCE14-1P



Fuse switch-disconnector, 50A, 1p, 22x51 size

Part no. VLCE14-1P Catalog No. 192373



Delivery program

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	For cylindrical fuses
	Up to 50 A Without flashing function
Size	14 x 51
Number of poles	1 pole

Technical data

Electrical

Rated operating voltage Rated operating voltage Rated operating voltage Rated operating short-circuit current Rated conditional short-circuit current Rated frequency Rated frequency Rated inquency Rated inquency Rote gets and so of the state of the sta				
Rated operational current Rated operational current Rated conditional short-circuit current Rated frequency 100 conditional short-circuit current Rated frequency 100 contends with stand voltage 100 contends with standard front dimension 100 contends with standard front dimension 100 contends with 100 contends w	Number of poles			1P+N 2P 3P
Rated conditional short-circuit current Ie Ie Ie Ie Ie Ie Ie I	Rated operating voltage	U _e	V AC	690
Reted frequency Utilization category Rated impulse withstand voltage Fuse Webhanical Standard front dimension Enclosure height Mounting width Mounting width Mounting width Mounting width Meghanical Weight Rote front dimension Mounting width Mounting width Mounting Mounting Mounting Mounting Dogree of protection Integrated Integrated Integrated Terminal capacities Ferminal capacities Solid Terminal capacities	Rated operational current	l _e	Α	50
Utilization category AC 22 B Rated impulse withstand voltage Vump kV 8 Fuse W g6:5, aM: 3 Mechanical W 5 Standard front dimension mm 4 Enclosure height mm 2//Jeer pole Mounting width mm 2//Jeer pole Weight ph. N. 222 220 3 P. 308 39-14 N 437 Mounting Lee T. L. 222 P. 201 Integrated Lee T. L. 222 P. 201 Terminals Lift terminals Lift terminals Terminal capacities mm² 15-10 Solid mm² 15-10 Temperature range c -25 +60 Specified tightening torque for terminal screws Nm max. 2 Tightening torque Nm max. 2 Overvoltage category/pollution degree -1 Nm max. 2	Rated conditional short-circuit current	l _e		100
Rated impulse withstand voltage Fuse Mechanical Standard front dimension Enclosure height Mounting width Weight Weight Integrated Integrated Terminals Terminal capacities Solid Temperature range Specified tightening torque Tightening torque Overvoltage category/pollution degree Vimp Wimp Wimp KV B G: Mm Max. 2 Jintegrated Mm Mm Mm Mm Mm Mm Mm Mm Mm M	Rated frequency	f	Hz	50
House and and front dimension Standard front dimension Enclosure height Mounting width Mit terminal statechment for top-hat rail IEC/EN 60715 Witterminals Iff terminals All the reminals Iff terminals All the reminals Mounting width Mounting wi	Utilization category			AC 22 B
Mechanical Standard front dimension Enclosure height Mounting width Weight Weight Mounting Degree of protection Integrated Integrated Integrated Integrated Integrated Integrated Solid Solid Solid Integrated Solid	Rated impulse withstand voltage	U_{imp}	kV	8
Standard front dimension mm 45 Enclosure height mm 94 Mounting width mm 27/per pole Weight IP 100 1P+N 222 2P 201 3P 39 308 3P +N 437 Mounting IM IP 100 1P+N 222 2P 201 3P 39 308 3P +N 437 Degree of protection IM IP 20 Integrated IP 20 Terminals Imm ² If terminals Terminal capacities mm ² If terminals Temperature range "C -25 +60 Specified tightening torque for terminal screws Nm mx. 2 Tightening torque Nm mx. 2 Vevoltage category/pollution degree -/1 -/1	Fuse		W	gG: 5, aM: 3
Enclosure height Mounting width Weight Wounting Mounting Mounting Mounting Degree of protection Integrated Integrat	Mechanical			
Mounting widthmm27/per poleWeightgIP 100 1P+N 222 2P 201 3P 308 3P+N 437MountingLQuick attachment for top-hat rail IEC/EN 60715Degree of protectionIP20IntegratedIP20TerminalsLift terminalsTerminal capacitiesmm²15-10Solidmm²15-10Temperature range°C-25+60Specified tightening torque for terminal screwsNmmax. 2Tightening torqueNmmax. 2Overvoltage category/pollution degree-/1	Standard front dimension		mm	45
WeightgIP 100 IP+N 222 2P 201 3P 308 3P +N 437MountingCuick attachment for top-hat rail IEC/EN 60715Degree of protectionCuick attachment for top-hat rail IEC/EN 60715IntegratedIP 20TerminalsLift terminalsTerminal capacitiesmm²Lift terminalsSolidmm²1.5 - 10Temperature range°C-25 +60Specified tightening torque for terminal screwsNmmax. 2Tightening torqueNmmax. 2Overvoltage category/pollution degree-1-1	Enclosure height		mm	94
P+N 222 P 201 P 39 38 39 39 39 39 39 39 39 39 39 39 39 39 39	Mounting width		mm	27/per pole
Degree of protection Integrated I	Weight		g	1P+N 222 2P 201 3P 308
Integrated IP20 Terminals Iff terminals Terminal capacities IP20 Solid IP20 Temperature range IP20 Temperature ra	Mounting			Quick attachment for top-hat rail IEC/EN 60715
Terminals Lift terminals Terminal capacities mm² Lift terminals Solid mm² 1.5 - 10 Temperature range °C -25 +60 Specified tightening torque for terminal screws Mm max. 2 Overvoltage category/pollution degree -10 max	Degree of protection			
Terminal capacities mm ² Solid mm ² Temperature range °C -25 +60 Specified tightening torque for terminal screws Mm max. 2 Overvoltage category/pollution degree mm ² Terminal capacities mm ² Nm amax. 2 -/1	Integrated			IP20
Solid mm² 1.5 - 10 Temperature range °C -25 +60 Specified tightening torque for terminal screws Tightening torque Nm max. 2 Overvoltage category/pollution degree Tightening torque Tightening torque Tightening torque Nm max. 2	Terminals			Lift terminals
Temperature range C C -25 +60 Specified tightening torque for terminal screws Tightening torque Mm max. 2 Overvoltage category/pollution degree -/1	Terminal capacities		mm^2	
Specified tightening torque for terminal screws Tightening torque Nm max. 2 Overvoltage category/pollution degree -/1	Solid		mm ²	1.5 - 10
Tightening torque Nm max. 2 Overvoltage category/pollution degree -/1	Temperature range		°C	-25 +60
Overvoltage category/pollution degree -/1	Specified tightening torque for terminal screws			
	Tightening torque		Nm	max. 2
Track resistance CTI 400	Overvoltage category/pollution degree			-/1
	Track resistance			CTI 400

Design verification as per IEC/EN 61439

Technical data for design verification		
Operating ambient temperature min.	°C	-25
Operating ambient temperature max.	°C	55

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Fuse switch disconnector (EC001040)

Electric engineering, automation, process control engineering / Low-voltage switch techn ecl@ss10.0.1-27-37-14-01 [AKF058013])	nology / Off-load s	switch, circuit breaker, control switch / Fuse switch disconnector
Version as main switch		No
Version as safety switch		Yes
Max. rated operation voltage Ue AC	V	690
Rated permanent current lu	Α	50
Rated operation power at AC-23, 400 V	kW	0
Conditioned rated short-circuit current Iq	kA	100
Rated short-time withstand current lcw	kA	0.6
Suitable for fuses		14x51 mm
Number of poles		1
Vith error protection		No
ype of electrical connection of main circuit		Screw connection
Cable entry		Other
quipped with connectors		No
Suitable for ground mounting		Yes
Suitable for front mounting 4-hole		No
Suitable for busbar mounting		No
Type of control element		Rocker lever
Position control element		Front side
Motor drive optional		No
Motor drive integrated		No
Version as emergency stop installation		No
Degree of protection (IP), front side		IP20

Dimensions

