

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



Part no. VLCE14-1P+N
192375

General specifications		
Product name		Eaton Distribution parts
Part no.		VLCE14-1P+N
EAN		4015081929269
Product Length/Depth		75.8 millimetre
Product height		94 millimetre
Product width		54 millimetre
Product weight		0.226 kilogram
Compliances		RoHS conform
Product Tradename		None
Product Type		Distribution parts
Product Sub Type		None
Public Consumption		Yes
Product Family Description		ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable		Yes
Product Specification Details		
Actuator position		Front side
Actuator type		Rocker lever
Ambient operating temperature - max		55 °C
Ambient operating temperature - min		-25 °C
Cable entry type		Other
Conditioned rated short-circuit current Iq		100 kA
Creepage resistance		CTI 400
Degree of protection		IP20
Degree of protection (front side)		IP20
Electrical connection type of main circuit		Screw connection
Enclosure width		94 mm
Features		Version as safety switch
Frame		Standard front dimension: 45 mm
Frequency rating		50 Hz
Functions		Fuse switch-disconnector VLC..., empty
Mounting width		27 mm per pole (1.5 space units)
Number of poles		Single-pole + N
Permitted heat loss from fuse links - max		gG: 5 W, aM: 3 W
Pollution degree		1
Power rating at AC-23, 400 V		0 kW
Rated conditional short-circuit current (Iq)		100 kA
Rated conditional short-circuit rating		100 kA
Rated impulse withstand voltage (Uimp)		8 kV
Rated operating voltage (Ue) at AC - max		690 V
Rated operation current (Ie)		50 A
Rated operation power at AC-23, 400 V		0 kW
Rated short-time withstand current (Icw)		0.6 kA
Rated uninterrupted current (Iu)		50 A
Size		14 mm x 51 mm
Special features		For cylindrical fuses Up to 50 A Without flashing function
Suitable for		Ground mounting

Suitable for fuses		14x51 mm
Terminal capacity (solid cable)		1.5 mm ² - 10 mm ²
Terminals		Lift terminals
Type		Fuse material
Utilization category		AC-22 B
Voltage rating		690 V AC

Technical data ETIM 9.0

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

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnecter (ecl@ss13-27-37-14-01 [AKF058018])

Version as main switch		No
Version as safety switch		Yes
Max. rated operation voltage Ue AC	V	690
Rated permanent current Iu	A	50
Rated operation power at AC-23, 400 V	kW	0
Conditioned rated short-circuit current Iq	kA	100
Rated short-time withstand current Icw	kA	0.6
Suitable for fuses		14x51 mm
Number of poles		2
With error protection		No
Type of electrical connection of main circuit		Screw connection
Cable entry		Other
Equipped with connectors		No
Suitable for floor mounting		Yes
Suitable for front mounting		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