

# Vistop™ isolating switches

32 A to 160 A



0 225 05



0 225 15

Dimensions p. 247

Safety switches for on-load circuit breaking by visible isolation of the contacts  
 Double break type load switching with self cleaning contacts by rapid make and break movements  
 Fixing on rail EN 60715 or screw fixing (only on rail for Vistop 63 A)  
 Padlockable handle in open position: 1 to 3 padlocks Cat.No 0 227 97 (p. 75)  
 2 versions for mounting on faceplate:  
 • right side handle, supplied with seal to maintain the IP protection for the enclosures (up to IP 55), screws, self adhesive drilling template, extension rod (30 to 170 mm) for creating an external angle  
 • direct front handle or external (for Vistop 63 to 160 A)

Pack	Cat.Nos		32 A	Connection	No of 17.5 mm modules
1	Front handle 0 224 98	Side handle 0 225 03	2P	16 mm <sup>2</sup> cage terminals	4 + 3.5
1	0 225 00	0 225 05	3P		4 + 3.5
1	0 225 02	0 225 07	4P		5 + 4.5

		63 to 160 A		Possibility to add auxiliary contact Cat.No 0 227 07	
		<b>63 A</b>		No of 17.5 mm modules	
1	Front handle 0 225 12	Side handle 0 225 16	3P	cage terminals	7
1	0 225 15	0 225 18	4P		7
		<b>100 A</b>			
1	0 225 20	0 225 25	3P	key	7.5
1	0 225 22	0 225 27	4P	6 sides	9
		<b>125 A</b>			
1	0 225 34	0 225 44	3P	key	7.5
1	0 225 39	0 225 46	4P	6 sides	9
		<b>160 A</b>			
1	0 225 51	0 225 54	3P	key	7.5
1	0 225 53	0 225 56	4P	6 sides	9

## Accessories

1	0 227 32	<b>Front external handle for Vistop 63 to 160 A</b> Comprising: connection rod, bracket, self-adhesive drilling template, fixing accessories (including a seal to maintain the IP protection of enclosure up to IP 55) and locking mechanism to prevent opening of the door when the circuit is closed Door distance 35 to 470 mm
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		<b>Auxiliary signalling contacts</b> IP 2X - 5 A - 250 V To be fitted inside Vistop isolating switches Main contact NO + NC	Connection (mm <sup>2</sup> ) lug 2.58
1	0 227 04	Additional contact NO + NC To be fitted on main contact Cat.No 0 227 04 in order to obtain 2 NO + 2 NC	lug 2.58

# Vistop™ isolating switches

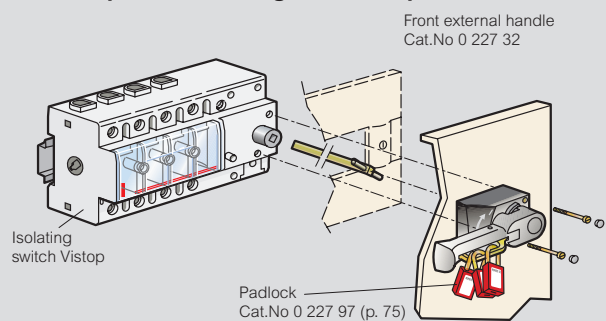
32 A to 160 A

Conform to standards EN / IEC 60947-3, BS EN 60947-3, VDE 0660, NBN EN 60947-3, CNOMO E03 - 15-611 R  
 Glass fibre reinforced insulating casing, self-extinguishing at 960 °C (IEC EN 60695-2-1)  
 Handle can be padlocked in open position using 1 to 3 padlocks Ø6 mm

## Electrical characteristics

Thermal rating (Ith)	32 A	63 A	100 A	125 A	160 A
Terminals	cage	cage	cage	cage	cage
Connection	Cu (flexible)		4 to 35 <sup>2</sup>		
	Cu (rigid)		4 to 50 <sup>2</sup>		
Insulating voltage (Ui)	690 V~	690 V~	690 V~	690 V~	800 V~
Impulse resistant voltage (Uimp)	8 kV	8 kV	8 kV	8 kV	8 kV
AC 22 A <sup>(1)</sup>	400 V		32 A (17 kW)	63 A (35 kW)	100 A (55 kW)
	500 V		32 A (20 kW) <sup>(2)</sup> 20 A (14 kW)	63 A (44 kW)	100 A (69 kW)
AC 23 A <sup>(1)</sup>	690 V		-	40 A (38 kW)	100 A (96 kW)
				125 A (120 kW)	160 A (110 kW)
DC 22 A/250 V <sup>(1)(3)</sup>	*	100	125	125	
DC 23 A/250 V <sup>(1)(3)</sup>	*	100	125	125	
Breaking capacity (Icu) (kA peak)	5	15	15	15	15
1 s resistant current (Icw) (kA rms) (Icw)	0.5	2.5	3.5	3.5	3.5
Icc with fuses (kA rating)	100	100	100	100	80
Fuse rupture capacity	32 A (gG)		63 A	100 A (gG)	125 A (gG)
	20 A (aM)		63 A (aM) <sup>(4)</sup>	125 A (aM) <sup>(4)</sup>	160 A (gG) 125 A (aM)
Short circuit capacity (kA prospective peak) (Icm)	0.75	7	12	12	12
Mechanical endurance (No of operations)	> 10000	> 30000	> 30000	> 30000	> 30000
Index of protection	IP 2X (16 mm <sup>2</sup> IP 3X under front plat)		IP 2X B (IP 3X C under front plates) from 6 mm <sup>2</sup>		IP 2X B (IP 3X C under front plate) from 10 mm <sup>2</sup>

## Example of mounting with Vistop 100 to 160 A



1: Test according to IEC 60947-3  
 AC 22 A / DC 22 A: resistive motor breaking  
 AC 23 A / DC 23 A: inductive motor breaking  
 2: 32 A (20 kW) for AC 22 A  
 20 A (14 kW) for AC 23 A  
 3: No of breaking contacts: 2  
 4: 100 A (aM) with blade type cartridge fuses