

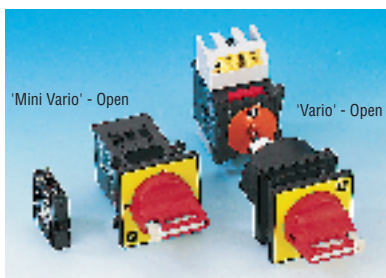
Enclosed and Open Types 'Mini Vario' and 'Vario' Ranges

Telemecanique



'Mini Vario' - Enclosed

'Vario' - Enclosed



'Mini Vario' - Open

'Vario' - Open

Enclosed Type

- 5 ratings to 32A Ith in 2 enclosure sizes
- 'Mini Vario' range sealed to IP55 and 'Vario' to IP65
- Earth connection within enclosure
- Compact design with adequate space for wiring
- Simple fitment of contact attachments
- Operating handle with facility for padlocking
- Suitable for both disconnection/isolation and mains/emergency switch

Best value

Open Type

- 7 ratings to 80A Ith in 3 frame sizes
- Modular design - simply fitted power pole, neutral or auxiliary contact attachments
- Front or rear mounting/connection/reversible connection block on 'Vario'
- True load breaking switch - breaks stalled current of the motor
- Box terminals enable reliable connection of cabling without the need for wire terminations
- Suitable for use as an emergency/main switch

Approvals **UL, CSA, GL** Operating temperature -20 to 50°C
Conforming to **IEC 947-3** Rated operation voltage 690Vac

Free Air Thermal Current (Ith)		Rated Operational (Ie) Current AC23A 415Vac		External Dimensions			Mfrs. List No.	Order Code
A	A	kW	H	W	D			
12	8.1	4	56	56	300-330	VCCDN12	161-482	
20	11	5.5	56	56	300-330	VCCDN20	161-494	
25	14	7.5	74	55	300-330	VCCD0	161-573	
32	21	11	74	55	300-330	VCCD1	161-585	
40	28	15	74	55	300-330	VCCD2	161-597	
63	40	22	83	60	400-430	VCCF3	161-603	
80	55	30	83	60	400-430	VCCF4	161-615	
Ithe								
10	8.1	4	131	83	106	VCFN12GE	161-469	
16	11	5.5	131	83	106	VCFN20GE	161-470	
20	14	7.5	146	90	131	VCFOGE	161-548	
25	21	11	146	90	131	VCF1GE	161-550	
32	28	15	146	90	131	VCF2GE	161-561	
Ith								
12	8.1	4	46	12	40	VZN12	161-500	
20	11	5.5	46	12	40	VZN20	161-512	
6	4*	-	46	12	40	VZN05	161-524	
6	4*	-	46	12	40	VZN06	161-536	

*IE AC15

'Vario' open type kit content: Switch body, padlockable switch assembly, door interlock, extension shaft & incoming terminal cover

CTL227

Mini Vario' Range	Order Code	Price Each			
		1+	5+	10+	25+
Enclosed Switch 10A	161-469				
Enclosed Switch 16A	161-470				
Package Switch 12A	161-482				
Package Switch 20A	161-494				
Main Pole Attachment 12A	161-500				
Main Pole Attachment 20A	161-512				
NO Aux. Attachment	161-524				
NC Aux. Attachment	161-536				

continued

Vario' Range	Price Each			
	1+	5+	10+	25+
Enclosed Switch 20A	161-548			
Enclosed Switch 25A	161-550			
Enclosed Switch 32A	161-561			
Package Switch 25A 1 Hole Fix	161-573			
Package Switch 32A 1 Hole Fix	161-585			
Package Switch 40A 1 Hole Fix	161-597			
Package Switch 63A 4 Hole Fix	161-603			
Package Switch 80A 4 Hole Fix	161-615			
Main Pole Shroud upto 40A	161-627			
Main Pole Shroud 63 to 80A	161-639			
Aux. Contact Shroud	161-640			

Enclosed 3 Pole, 63A/100A/125A – IP65

ABB



63A/100A

H = 186, W = 135, D = 142

125A

H = 230, W = 200, D = 184

	63A	100A	125A
Thermal current rating	45A	72A	108A
Operational current (AC23 @ 415V)	18.5kW	37kW	55kW
Utilisation category (@ 415V ac, AC23)	660V ac	660V ac	660V ac
Insulation voltage		>50,000 cycles	
Mechanical operations		-25°C to +40°C	
Operating temperature			

CTL001

	Mfrs. List No.	Order Code	Price Each		
			1+	5+	10+
63A, 18.5kW	BWS 336	774-390.			
100A, 37kW	BWS 363	774-406.			
125A, 55kW	BWS 3100	774-418.			

Automatic Load Break Switch

Load Break Switch Mains Fail

entrelec



H = 44, W = 43,
D (behind panel) = 52 for 2 pole switch
= 65 for 4 pole switch
D (lever actuator) = 31 in front of panel

Coil supply 230V/240V @ 50Hz/60Hz
Switch rating 20A
Switchable voltage 600V
Protection IP65, CSA approved
Mechanical operations > 1 10°
Panel appearance 1 - 0 markings in black on yellow, red lever actuator

Mfrs. List No: VY20/D/012/RAMT/220V = 178-734, VY20/D/014/RAMT/220V = 178-735

CTL101

	Order Code	Price Each		
		1+	10+	15+
2 pole switch	178-734.			
4 pole switch	178-735.			