Protection components

Mini-VARIO switch disconnectors for standard applications
Complete units

- 3-pole rotary switch disconnectors, 12 and 20 A
- Marking on operator
- Padlockable operating handle (padlocks not supplied)
- Degree of protection IP 65



VCDN-20

Main and emergency stop switch disconnectors for door mounting

Operator Handle	Front plate	Fixing	Ith	Reference	Weight
	mm	**mm**	**A**		kg
Red, padlockable with up to 3 padlocks (Ø 4 to Ø 8)	**Yellow** 60 x 60	Ø 22.5	12	**VCDN-12**	0.177
			20	**VCDN-20**	0.177



VCCDN-20

Main and emergency stop switch disconnectors for mounting at back of an enclosure (1)

Operator Handle	Front plate	Fixing	Ith	Reference	Weight
	mm	**mm**	**A**		kg
Red, padlockable with up to 3 padlocks (Ø 4 to Ø 8)	**Yellow** 60 x 60	Ø 22.5	12	**VCCDN-12**	0.334
			20	**VCCDN-20**	0.334



VBDN-20

Main switch disconnectors for door mounting

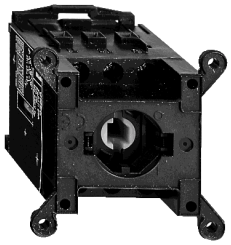
Operator Handle	Front plate	Fixing	Ith	Reference	Weight
	mm	**mm**	**A**		kg
Black, padlockable with up to 3 padlocks (Ø 4 to Ø 8)	**Black** 60 x 60	Ø 22.5	12	**VBDN-12**	0.177
			20	**VBDN-20**	0.177

(1) Switches supplied with a shaft extension VZN-17 and a door interlock plate KZ 32 (see page 23007/5).

Characteristics : pages 23011/2 to 23011/5
Dimensions : pages 23004/2 and 23004/3
Schemes : page 23004/3

Protection components

Mini-VARIO switch disconnectors for standard applications
Switch bodies, add-on modules (for customer assembly)



VN-20



VZN-11



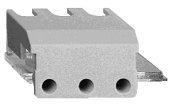
VZN-14



VZN-05



VZN-26



VZN-08

Switch bodies

Description	Rating A	Reference	Weight kg
3-pole switch disconnectors	12	**VN-12**	0.110
	20	**VN-20**	0.110

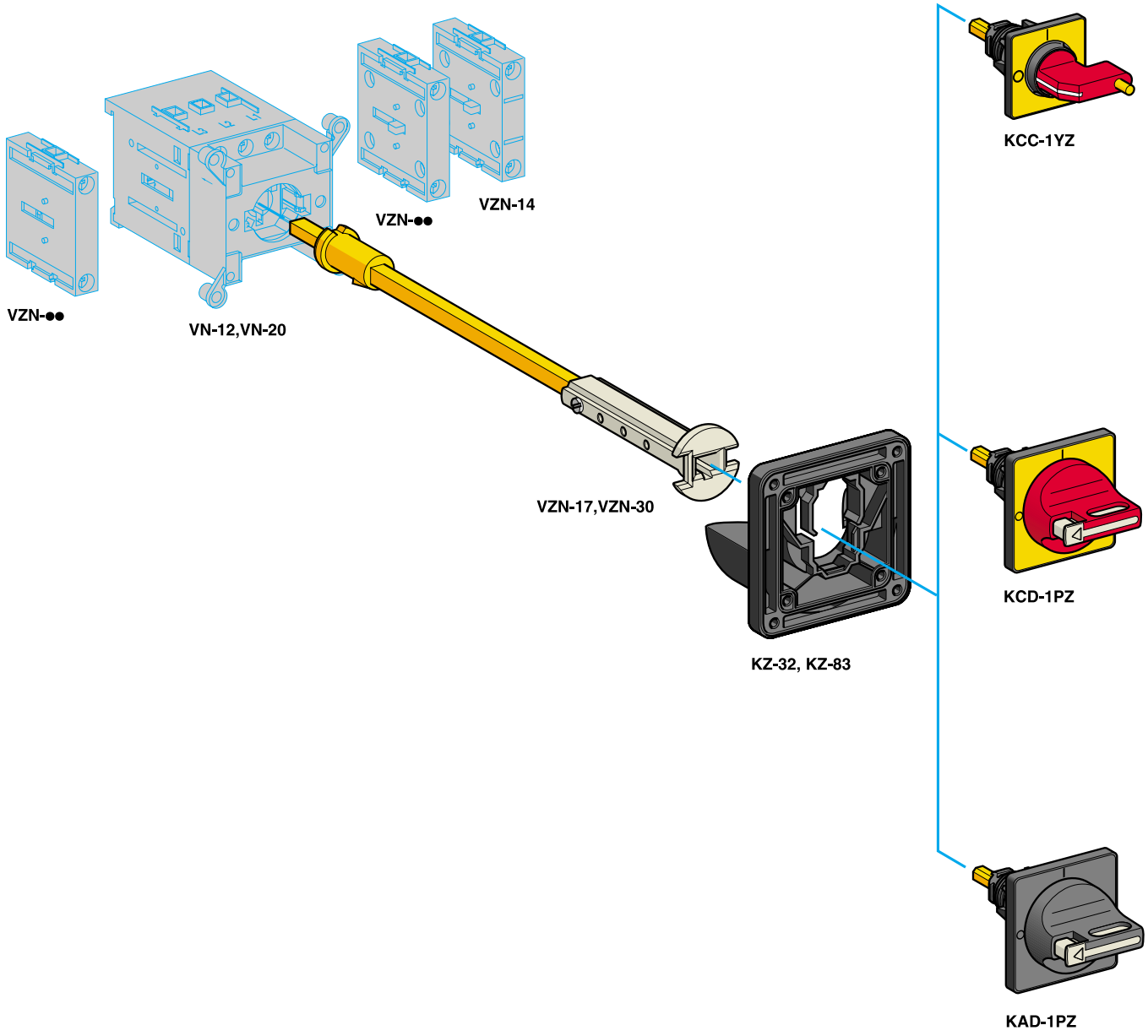
Add-on modules

Description	Rating A	Reference	Weight kg
Main pole modules	12	**VZN-12**	0.020
	20	**VZN-20**	0.020
Neutral pole module with early make and late break contacts	12 and 20	**VZN-11**	0.020
Earthing module	12 and 20	**VZN-14**	0.016
Auxiliary contact block modules	1 N/O late make contact	**VZN-05**	0.020
	1 N/C early break contact	**VZN-06**	0.020
Input terminal protection shrouds	For add-on pole modules or auxiliary contact block modules (single-pole shroud)	**VZN-26**	0.004
	For switch bodies (3-pole switch shroud)	**VZN-08**	0.007

Maximum number of add-on modules that can be fitted on a switch body

VZN-12 or VZN-20	+	VN-12 or VN-20	+	VZN-12 or VZN-20		
				or		
or				VZN-11	+	VZN-14
				or		
VZN-05 or VZN-06				VZN-05 or VZN-06		

Characteristics : pages 23011/2 to 23011/5
Dimensions : pages 23004/2 and 23004/3
Schemes : page 23004/3


VZN-●●
VN-12,VN-20
VZN-●●
VZN-14
VZN-17,VZN-30
KZ-32, KZ-83
KCC-1YZ
KCD-1PZ
KAD-1PZ

Protection components

Mini-VARIO switch disconnectors for standard applications
Operators and accessories

- Degree of protection IP 65
- Marking on operator ○
- Padlockable operating handle (padlocks not supplied)
- Operator fixing by 1 Ø 22.5 hole; for other operators see pages 23005/3 and 23005/5.
- For other accessories and empty enclosures, see pages 23005/6, 23005/7 and 23008/3.

Handles and front plates for main and emergency stop switch disconnectors

Handle	Front plate mm	Reference	Weight kg
Red, padlockable with 1 padlock (Ø 4 to Ø 6)	**Yellow** 45 x 45	**KCC-1YZ**	0.050
Red, padlockable with up to 3 padlocks (Ø 4 to Ø 8)	**Yellow** 60 x 60	**KCD-1PZ**	0.084

Handle and front plate for main switch disconnectors

Handle	Front plate mm	Reference	Weight kg
Black, padlockable with up to 3 padlocks (Ø 4 to Ø 8)	**Black** 60 x 60	**KAD-1PZ**	0.084

Components for door interlocking

For switch mounted at the back of an enclosure, in addition to a direct operator

Description	Front plate mm	Distance enc. back/ door mm	Sold in lots of	Unit reference	Weight kg
Shaft extension	–	300…330	1	**VZN-17**	0.100
		400…430	1	**VZN-30**	0.130
Door interlock plate	45 x 45 or 60 x 60	–	5	**KZ-32**	0.170
Plate for door mounting	45 x 45 or 60 x 60	–	5	**KZ-83**	0.205

Characteristics : pages 23011/2 to 23011/5
Dimensions : pages 23004/2 and 23004/3
Schemes : page 23004/3