

DPX™-IS isolating switches

63 to 1600 A

Electrical characteristics

DPX-IS 250

Rating	63 A	100 A	160 A	250 A
Connection	Cu flexible 150 mm ²			
	Cu rigid / Alu 185 mm ²			
Copper bar	Width max. 28 mm			
Nominal rating (Ue)	690 V~ - 250 V=			
Rated insulation voltage (Ui)	800 V~			
Rated impulse withstand voltage (Uimp)	8 kV~			
AC 23 A	415 V~	63 A	100 A	160 A
	500 V~	63 A	100 A	160 A
	690 V~	63 A	100 A	160 A
AC 22 A	690 V~	63 A	100 A	160 A
Short-circuit making capacity (kA efficient) (Icm)	15.3 kA			
I admissible Is (Icw)	9 kA efficient			
I admissible with fuse (Icc)	100 kA efficient			
Max. rating of fuse	gG	63 A	100 A	160 A
	aM	63 A	100 A	160 A
Rated closing capacity on short circuit (kA peak) (Icm)	15.3 kA			
Endurance (cycles)	mechanical	25000 operations		
	electrical (AC 23 - 415 V~)	2500 operations		
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DPX-IS 1600

Rating	800 A	1000 A	1250 A	1600 A
Connection	Cu flexible 2 x 185 mm ² or 4 x 185 mm ²			
	Cu rigid / Alu 2 x 240 mm ² or 4 x 240 mm ²			
Copper bar/lugs	50 mm or 80 mm			
Nominal rating (Ue)	690 V~			
Rated insulation voltage (Ui)	800 V~			
Rated impulse withstand voltage (Uimp)	8 kV~			
AC 23 A	415 V~	800 A	1000 A	1250 A
	500 V~	800 A	1000 A	1250 A
	690 V~	800 A	1000 A	1250 A
DC 23 A	250 V~	800 A	1000 A	1250 A
I admissible Is (Icw)	20 kA efficient			
I admissible with fuse (Icc)	100 kA efficient			
Max. rating of fuse	gG	800 A	1000 A	1250 A
	aM	800 A	1000 A	1250 A
Short-circuit making capacity (kA peak) (Icm)	40 kA			
Endurance	mechanical	10000		
	electrical (AC 23 - 415 V~) (Icm)	3000	3000	2000
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DPX-IS 630

Rating	400 A	630 A
Connection	Cu flexible 1 x 240 or 2 x 185 mm ²	
	Cu rigid / Alu 1 x 300 or 2 x 240 mm ²	
Copper bar	Width max. 32 mm	
Nominal rating (Ue)	690 V~	
Rated insulation voltage (Ui)	800 V~	
Rated impulse withstand voltage (Uimp)	8 kV~	
AC 23 A	415 V~	400 A
	500 V~	400 A
	690 V~	400 A
AC 22 A	690 V~	400 A
DC 23 A	250 V=	400 A
Rated closing capacity on short circuit (kA peak) (Icm)	30 kA	
I admissible Is (Icw)	15 kA efficient	
I admissible with fuse (kA efficient) (Icc)	100 kA	
Max. rating of fuse	gG	400 A
	aM	400 A
Endurance	mechanical	15000 operations
	electrical (AC 23 - 415 V~)	1500 operations
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