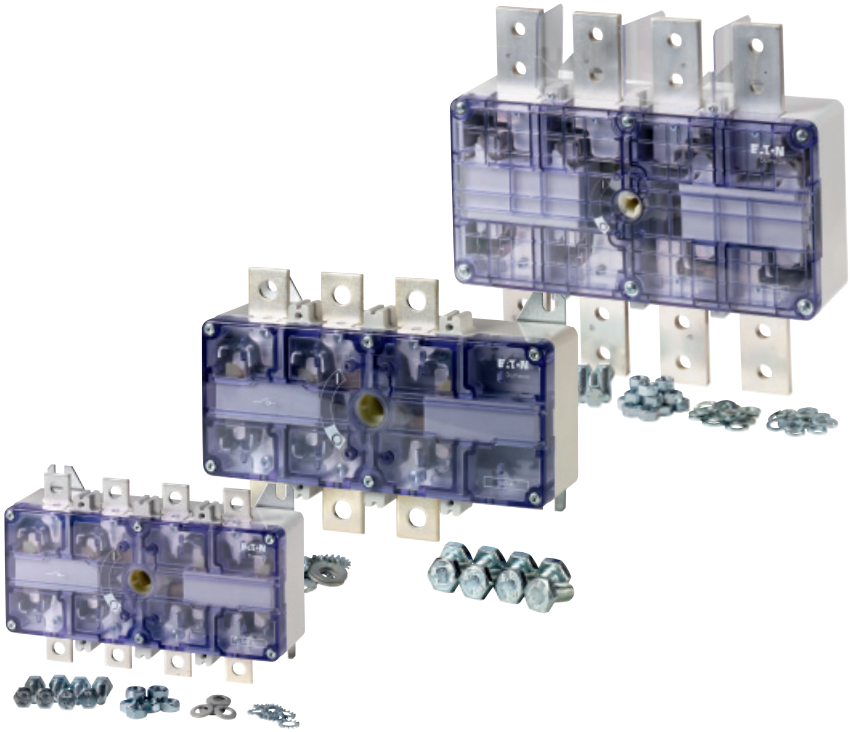












Flexible options for every application with Dumeco Switch-disconnectors

The reliable Dumeco DMV Switch-disconnector range is enlarged with eight new models, new 600 mm shafts and the DMV auxiliary contacts are now updated to the Eaton M22 types. All available front connected M22 auxiliary contacts can be used on the Dumeco DMV-series by utilizing the new M22 adapter.

Chinese CCC certification is now available for the DMV-160 to DMV-1250 Dumeco Switch-disconnectors.

Due to popular demand we have created new 3 and 4 pole types from the 250 A and 400 A Switches including 400 mm shaft and Red or Grey padlockable K-line handle, delivered in one package.

All DMV(S)-160 to DMV-2000 are AC-23A category Switch-disconnectors suitable for nominal currents up to U_e = 690 V, with a short-circuit rating I_p = 100 kA at 415 V and are therefore suitable for a wide range of applications.

- One switch range family
- Comprehensive range of accessories
- Visible contact switching mechanism
- Independent manual operating mechanism
- Excellent short-circuit making capacities, due to it's parallel knife-contacts with double break per phase
- Various lengths of operating shafts (up to 600 mm) and handles with direct or door mounting operation with locking facilities in ON and OFF position are available. Also a defeatable option in the ON position for fault finding without disconnecting the power supply is included.

The DMV(S)-160 to DMV-2000 Switch-disconnectors are available in 3-pole, 3-pole + solid neutral, and 4-pole configurations.

Powering Business Worldwide

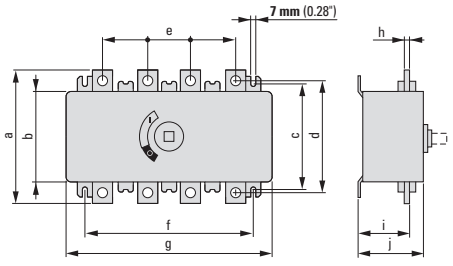
Product Series DMV(S)-160 to DMV-2000

Description		Part no.	Article no.
Shaft 4K10 H600 DMV(S) 160/250/400	**New!**	4K10K3H600	6090658
Shaft 4K14 H600 DMV 630/1000	**New!**	4K14K5H600	6090659
Shaft 4K14 H600 DMV 1250/1600/2000	**New!**	4K14K6H600	6090661
Auxiliary Switch 1NC+1NO	**Updated!**	AUX1NO+1NCDMV160N	1314398
Auxiliary Switch 1NC+1NO	**Updated!**	AUX1NO+1NCDMVS160-2000	1314736
Auxiliary Adapters DMV/QSA	**New!**	AuxAdapters DMV/QSA	6098593
DMV 250A 3P Shaft 400 mm & re/ye Handle	**New!**	DMV-250/3/M4/P-R	6094966
DMV 250A 4P Shaft 400 mm & re/ye Handle	**New!**	DMV-250/4/M4/P-R	6094970
DMV 250A 3P Shaft 400 mm & grey Handle	**New!**	DMV-250/3/M4/P-G	6099271
DMV 250A 4P Shaft 400 mm & grey Handle	**New!**	DMV-250/4/M4/P-G	6099273
DMV 400A 3P Shaft 400 mm & re/ye Handle	**New!**	DMV-400/3/M4/P-R	6094967
DMV 400A 4P Shaft 400 mm & re/ye Handle	**New!**	DMV-400/4/M4/P-R	6094971
DMV 400A 3P Shaft 400 mm & grey Handle	**New!**	DMV-400/3/M4/P-G	6099272
DMV 400A 4P Shaft 400 mm & grey Handle	**New!**	DMV-400/4/M4/P-G	6099274

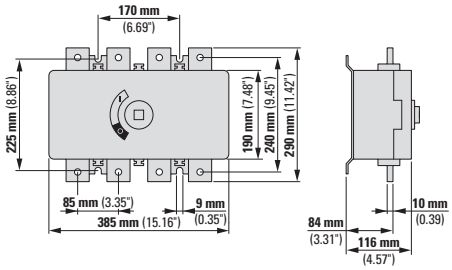
Technical Specifications

			DMV(S)160-250-400			DMV630-1000		DMV1250-1600-2000		
Rated operational voltage	U_e	Vac		690			690		690	
Free-air & Enclosed thermal current	I_{th} & I_{the}	A	160	250	400	630	1000	1250	1600	2000
Rated impulse withstand voltage	U_{imp}	kV		8			12		12	
Rated short-time withstand current	I_{cw}	kA		12			36		50	
Rated short circuit making capacity	I_{cm}	kA		24			76		105	
Rated conditional short-circuit (415 V / 690 V)	I_p (I_q)	kA		100 / 50			100 / 50		-	
Fuse-link (415 V / 690 V)	I_n	A		P5gG250-1 / P6gG400-3			P5gG630-3 / M4AgL1000M		-	
Rated operational current I_e (AC-21 / AC-22A)	U_e=415 V	A	160	250	400	630	1000	1250	1600	2000
	U_e=690 V	A	160	250	315	630	1000	1250	1600	1600
Rated operational current I_e (AC-23A)	U_e=415 V	A	160	250	333	630	759	1250	1250	1250
	U_e=690 V	A	140	140	140	437	437	630	630	630
Rated operational power (AC-23A)	U_e=415 V	kW	90	147	180	375	425	750	750	750
	U_e=690 V	kW	132	132	132	425	425	630	630	630
Cross-section	Cables	mm^2	1 x 120	1 x 240		2 x 185	-	-	-	-
	Bus bars	mm^2	1 x 120	2 x 120		2 x 200	2 x 300	2 x 400	2 x 500	3 x 500
Endurance	Cycles			10,000			10,000		5,000	
Power dissipation per contact at I_{th}		W	1.6	3.8	9.7	17.5	44.8	27.3	44.8	58.3
Auxiliary contacts (accessory M22-CK11)	1NO+1NC			2			2		2	
Visible contact switching				Yes			Yes		Yes	

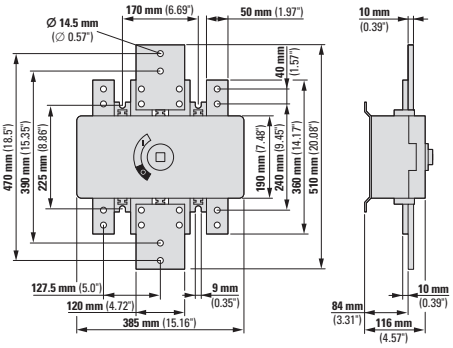
Dimensions



DMV-160/1000



DMV-1250/1600



DMV-2000

[mm (in)]	a	b	c	d	e	f	g	h	i	j
DMVS160N	135 (5.31)	90 (3.54)	110 (4.33)	115 (4.53)	45 (1.77)	170 (6.69)	205 (8.07)	3 (0.12)	47 (1.85)	63 (2.48)
DMV250N	135 (5.31)	90 (3.54)	110 (4.33)	115 (4.53)	45 (1.77)	170 (6.69)	205 (8.07)	3 (0.12)	47 (1.85)	63 (2.48)
DMV400N	146 (5.75)	90 (3.54)	110 (4.33)	122 (4.80)	45 (1.77)	170 (6.69)	205 (8.07)	3 (0.12)	47 (1.85)	63 (2.48)
DMV630N	192 (7.56)	130 (5.12)	145 (5.71)	162 (6.38)	65 (2.56)	240 (9.45)	292 (11.5)	6 (0.24)	71 (2.80)	96 (3.78)
DMV1000N	205 (8.07)	130 (5.12)	145 (5.71)	170 (6.69)	65 (2.56)	240 (9.45)	292 (11.5)	6 (0.24)	71 (2.80)	96 (3.78)

Powering Business Worldwide

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