VTX 1 M 32 - Cell data sheet

Classification

Brand	Alcad
Cell type	VTX 1 M 32
Cell P/N	31-05606-8*
Capacity at 5 hours rate	32 Ah
IEC Designation	KGM32P
According to IEC 62259	

Physical data

Overall height	270 mm		
Width	123 mm	Weight per cell	2,5 Kg
Length		Block length - 2 cells	
Block length - 3 cells		Block length - 4 cells	191 mm
Block length - 5 cells	237 mm	Block length - 6 cells	283 mm
Block length - 7 cells	329 mm	Block length - 8 cells	375 mm
Block length - 9 cells	421 mm	Block length - 10 cells	467 mm

Construction

Container material	Polypropylene	No. of terminals/polarity	1
Separator type	Felt	Terminal material	Steel
Connection torque	11,0 +/- 1,1 Nm	Vent type	low pressure flame arresting vent
Terminal size	M6		

Plates

Positive		Negative	
Type of plates	Maintenance Free Pocket	Type of plates	Maintenance Free Pocket

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Electrolyte

Electrolyte type: Renewal	E13	Max/Min	35 mm
Electrolyte type: Initial	E22	Vent oil quantity	
Electrolyte per cell: Liquid	0,6 liters		

Connection

Cable area	16 mm²

Charging

Float voltage	1,42 V/Cell	High rate voltage (min)	1,45 V/Cell
Single-level voltage	1,42 V/Cell		

Resistance/Short circuit

Internal resistance	3,13 mOhm	Short circuit current	491 A