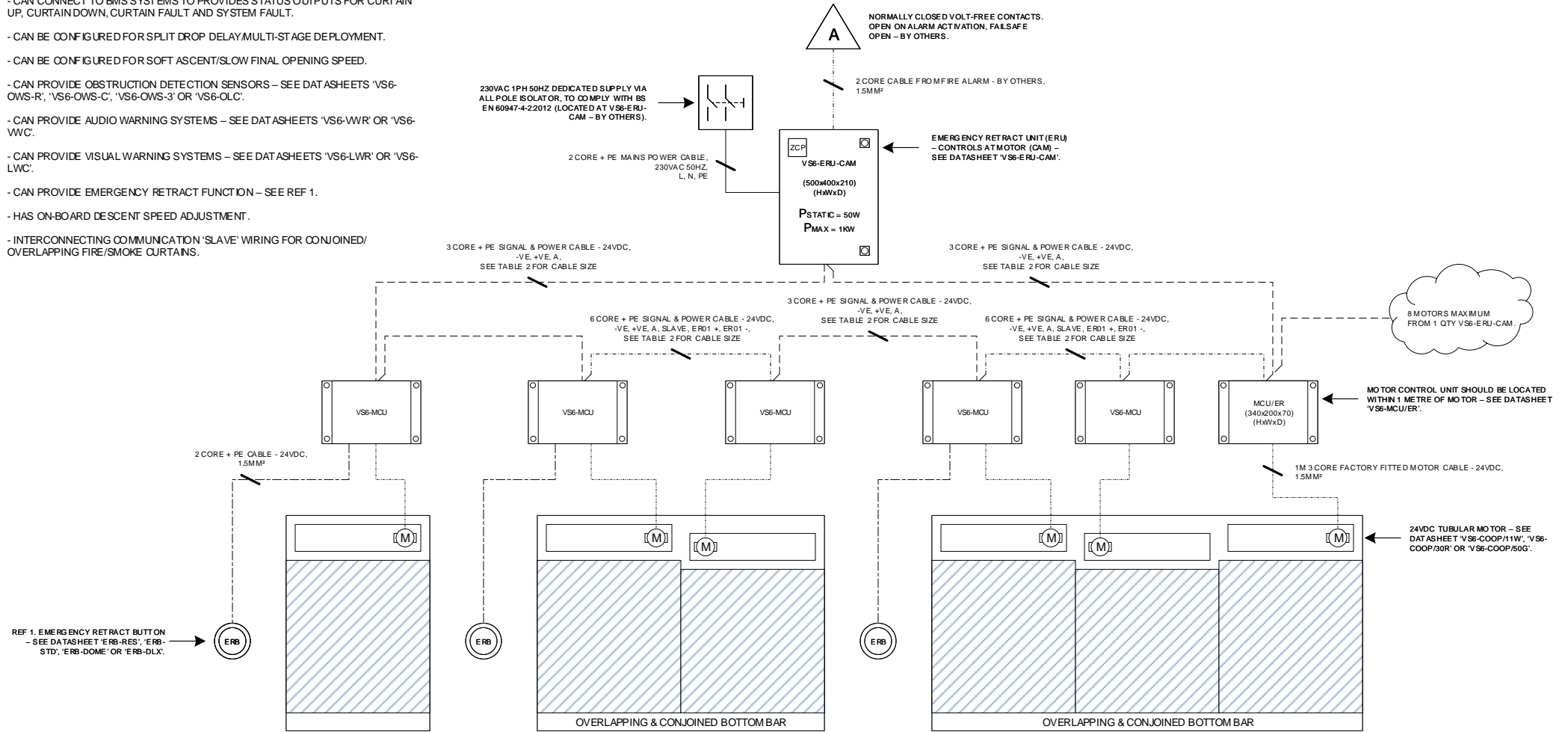


**VS6-ERU-CAM FEATURES:**

- 1 x VS6 ERU-CAM CAN CONTROL UP TO 8 MOTORS.
- TRUE GRAVITY FALLSAFE SYSTEM.
- PROVIDES BATTERY BACKUP.
- CAN BE CONFIGURED FOR MULTIPLE ALARM INPUTS/OUTPUTS.
- CAN BE CONFIGURED FOR LOCAL DETECTOR ACTIVATION – SEE DATASHEETS 'VS6-HEAT DETECTOR' OR 'VS6-SMOKE DETECTOR'.
- CAN CONNECT TO BMS SYSTEMS TO PROVIDES STATUS OUTPUTS FOR CURTAIN UP, CURTAIN DOWN, CURTAIN FAULT AND SYSTEM FAULT.
- CAN BE CONFIGURED FOR SPLIT DROP DELAY MULTI-STAGE DEPLOYMENT.
- CAN BE CONFIGURED FOR SOFT ASCENT/SLOW FINAL OPENING SPEED.
- CAN PROVIDE OBSTRUCTION DETECTION SENSORS – SEE DATASHEETS 'VS6-OWS-R', 'VS6-OWS-C', 'VS6-OWS-3' OR 'VS6-OLC'.
- CAN PROVIDE AUDIO WARNING SYSTEMS – SEE DATASHEETS 'VS6-VWR' OR 'VS6-VWC'.
- CAN PROVIDE VISUAL WARNING SYSTEMS – SEE DATASHEETS 'VS6-LWR' OR 'VS6-LWC'.
- CAN PROVIDE EMERGENCY RETRACT FUNCTION – SEE REF 1.
- HAS ON-BOARD DESCENT SPEED ADJUSTMENT.
- INTERCONNECTING COMMUNICATION 'SLAVE' WIRING FOR CONJOINED/OVERLAPPING FIRE/SMOKE CURTAINS.



**FIELD WIRING TO BE FIRE RATED IN ACCORDANCE WITH BS8519**

<p>Coopers Fire Limited</p> <p>Ignis House, Houghton Avenue, Waterlooville, Hampshire, PO7 3DU, UK</p> <p>Tel: +44 (0) 23 9245 4405 Fax: +44 (0) 23 9249 2732</p> <p>Email: info@coopersfire.com Web: www.coopersfire.com</p>	DRAWN	MA	TITLE	VARIOSPEED® 6 ERU-CAM TYPICAL WIRING DIAGRAM			
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	APPROVED	JR	DRAWING NO	32001	ISSUE	A	
					DATE	22 Jul 2020	

**TABLE 1**

CABLE SIZE	MOTOR CABLE EXTENSION	
	11W	30R
1.5MM <sup>2</sup>	35M	25M
2.5MM <sup>2</sup>	58M	42M
4MM <sup>2</sup>	93M	67M
6MM <sup>2</sup>	139M	100M

**TABLE 2**

QTY MCU'S	CABLE SIZE REQUIRED FOR 'X' QTY MCU'S			
	1.5MM <sup>2</sup>	2.5MM <sup>2</sup>	4.0MM <sup>2</sup>	6.0MM <sup>2</sup>
1	56M	93M	149M	224M
3	22M	37M	59M	89M
5	11M	18M	29M	44M
8	7M	11M	18M	28M

**CABLE DISTANCES ON A 'RING' SUPPLY.**