



# EX DISTRIBUTION SYSTEMS

Flameproof



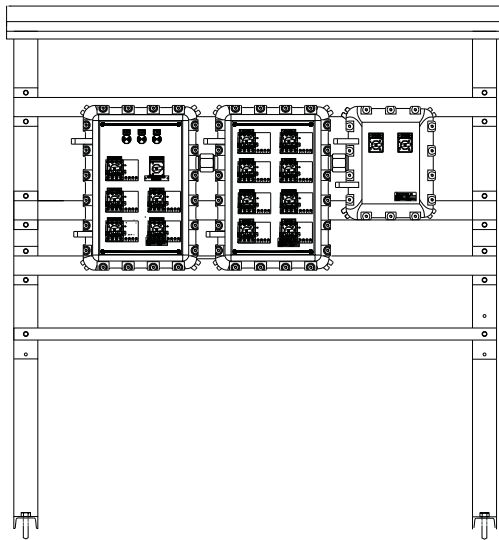
Zone 1,2,21,22

## SPECIFICATION

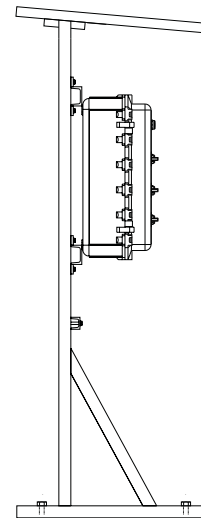
EC type examination certificate	n. 0F150609.SEMDD43
Marking acc to 94/9/EC directive	⊕ II 2 G D
Marking acc. to IEC	Ex d IIB T4, T5 & T6 Gb, Ex tb IIIB T85°C, 105°C & T135°C Db
Ingress protection to IEC 60529	IP 65
Approval of production, QAN Number	n. 0F150609.SEMDD44
Permissible ambient temperature	-20°C to +40°C and -30°C to +55°C
Material	Copper free Aluminum

## Maximum Permitted dissipation power(w)

Type of Enclosure	Tamb (-20°C to + 40°C )			Tamb (-30°C to + 55°C )			Max. Rated Current(A)	Max. Rated Voltage(V)
	T4, T135°C	T5, T105°C	T6, T85°C	T4, T135°C	T5, T105°C	T6, T85°C		
EJB 110	446 W	235 W	130 W	346W	130W	50W	160	690
EJB 120	396 W	278 W	187 W	296W	187W	107W	300	
EJB 240	793 W	400 W	295 W	693W	295W	215W	850	
EJB 241	793 W	400 W	295 W	693W	295W	215W	850	
EJB 241M1	793 W	400 W	295 W	693W	295W	215W	850	



Front View



Left View

All information may be revised or changed by SHOMAL at anytime without prior notice or explanation.

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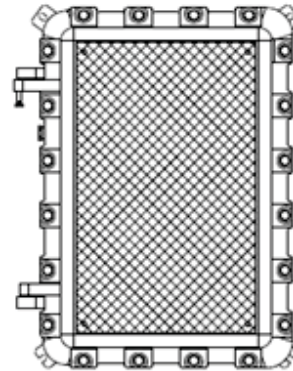


Zone 1,2,21,22



## Entries for electrical component on covers

Component characteristics and use
Terminal
Bus-bars
Low voltage transformers
Air circuit breakers
Automatic circuit breaker
Control and operating circuit
Starters and ballasts for discharge lamps
Electronic apparatus
Fuses
Servo motors without ventilation



Electrical components		Max. capacity			
		EJB110	EJB120	EJB240	EJB240 -241- 241M1
Pushbutton		16	24	54	50
signal lamp		16	24	54	50
Small-window(M130)		1	2	6	6
Big-window(M130)		1	1	2	2
Control switch - MCB	I Pole	6	9	20	20
	II Poles	6	9	20	20
	III Poles	6	9	20	20
	IV Poles	4	6	20	16
	II Poles + Vigi	4	6	20	16
	III Poles + Vigi	4	6	15	11
	IV Poles + Vigi	2	3	9	9
Control switch - MCCB	Up to 250A				6
	250 - 800 A				1

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