








The JCE Group RANGE 9500 is an Explosion Protected/Weatherproof/Junction Box which is Sira certified under directive 94/9/EC (ATEX) for Group II, Category 2, G and D. The enclosure has been certified to give a large measure of flexibility based on Power Dissipation and is suitable for Zone 1, 2 (Gases) Zone 21 and 22 (Dusts).

Certificate Number:	SIRA 13ATEX3091Ex IECEX SIR 13.0037X	Cover Screws:	Stainless Steel captive.
Protection Concept:	EEx e II T6 EEx e II T5 EEx e II T3 Ex tD A21 T85°C, T100°C & T150°C	Earthing Facilities:	Supplied as an optional extra: 1. Earth Continuity Plate 2. Internal / External Earth Stud
Ambient Temperature:	-40°C to +40°C (T6) -40°C to +55°C (T5) -40°C to +130°C (T3)	Weight:	1.2Kg (approx)
Ingress Protection:	IP66	Cable Entries:	Standard entries are 20mm and 25mm ISO metric, 1.5mm pitch. Alternative entries are available upon request. NPT ½" and ¾". Pg 11, 13.5, 16 and 21. BS conduit ¾" and 1" or plain clearance holes.
Material Standard:	Glass Reinforced Polyester, Flame Retardant. Or Fortron PPS for 130°C ambient, when fitted with ceramic terminals.	Terminal Blocks:	Various terminal blocks may be fitted to the enclosure see the table for the approved types and formulae for calculating the loading for specific applications.
Finish Standard:	Matt Black.		

ENCLOSURE TERMINAL COMBINATIONS AND CHARACTERISTICS

	Entry position		Max M20 Entries	Max M25 Entries	Max M32 Entries
1 Way	West		3	2	1
2 Way	West and East		3	2	1
3 Way	West, East and South		3	2	1
4 Way	West, East, South and North		3	2	1
Angle	West and South		3	2	1

FIXED TERMINAL RATINGS FOR -40°C to +50°C @ T6					
		CONDUCTOR CAPACITY MM ²	MAXIMUM RATINGS		Earth Terminals
TYPE	QTY	MAX	VOLTS	AMPS	Type
SAK 2.5	22	2.5	550	15	EK2.5
SAK 4	20	4.0	750	28	EK6
SAK 6N	16	6.0	550	36	EK6
SAK 10	12	10.0	550	50	EK10
SAK16	10	2.5	750	66	EK16
WDU 2.5	25	2.5	550	15	WPE2.5
WDU 4	20	4.0	750	28	WPE4
WDU 6	16	6.0	550	36	WPE6
WDU10	12	10	690	50	WPE10
WDU16	10	16	750	66	WPR16
WDU35	08	35	750	61	WPE35
SAKK10 (Ni)	12	10.0	275	50	

Important: In order to comply with certification requirements it is necessary to supply each enclosure fitted with a terminals. Please detail your exact requirements.

Entry to enclosure must be by way of approved cable glands and unused entries must be fitted with approved plugs.



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INSTALLATION INSTRUCTIONS

The installer must ensure that the enclosure chosen is suitable for the field of application, which means that the marking on the certification label must correspond to the classification given to the Ex area. Also that the temperature class of the enclosure meets the respective requirements.

For further information please refer the installation instruction sheet supplied with the product.