



INCREASED SAFETY

AQ../AR.. Series – Aluminium high thickness

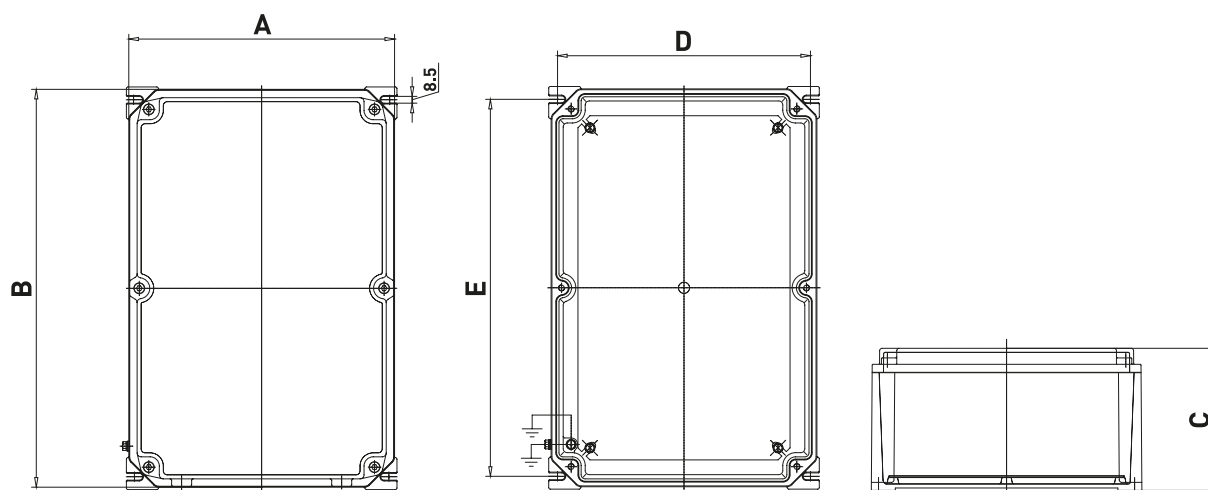


AQ../AR.. Series are used to house Ex e and Ex i terminals. Maximum number of terminals changes on the base of terminals section, enclosure operating temperature and required temperature class. They are ideally suited for chemical agents environments. Sea water corrosion resistance and extremes of low and high temperatures.

TECHNICAL FEATURES

Material	Aluminium with low content of copper
IP rating	IP65
Ambient temperature range	-50°C to +60°C
Approvals	IMQ 08 ATEX 028X TR CU
Marking	II 2 GD Ex e IIC Gb / Ex ia Ga IIC T(**) Ex tb IIIC T(**) Db IP65 ** T6/T85°C, T5/T100°C, T4/T135°C
Standard certificate label	Made by self adhesive UV and corrosion resistant polyester, approved by certified Laboratory.
Surface treatment	Green colour polyurethane painting cycle RAL6003 (other colour available upon request)
Entries	Metric pitch 1.5, ANSI B1.20.1 NPT, UNI-6125
Hardware and screws	AISI304 Stainless steel external hardware and screws
Accessories available upon request	Hinges Drain/breather valve Traffolyte/Stainless steel certificate label Internal mounting plate Passing through earth bolt

Dimensions AQ../AR..



AQ../AR.. Series junction boxes

TYPE	DIMENSIONS [mm]					WEIGHT [Kg]
	A	B	C	D	E	
AR-8A AL S	330	660	177	305	635	16,7
AR-8A AL L	580	840	205	560	810	36
AR-8A AL (HTH)	495	495	171	470	470	17,3
AR-8 AL (HTH)	330	495	171	320	470	12,4
AQ-8 AL A (HTH)	332	332	178	310	315	8

For complete junction boxes is necessary to ask to the Sales Office.

Maximum number of entries on sides

TYPE	M20 / 1/2"		M25 / 3/4"		M32 / 1"		M40 / 1" 1/4		M50 / 1" 1/2		M63 / 2"	
	A	B	A	B	A	B	A	B	A	B	A	B
AR-8A AL S	34	50	20	28	17	25	7	10	6	8	4	7
AR-8A AL L	48	76	30	48	24	39	14	22	12	20	5	8
AR-8A AL (HTH)	36	36	20	20	18	18	7	7	6	6	5	5
AR-8 AL (HTH)	24	36	14	20	12	18	5	7	4	6	3	5
AQ-8A AL (HTH)	31	31	18	18	16	16	7	7	5	5	4	4