

aluEiN

aluminium Die-cast Enclosure



Technical Data Sheet:

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Robust Aluminium Enclosures for Mechanical & Automation Engineering

Features:

- Impact Resistance > 7 Nm As per EN50014
- Painted and Unpainted Version
- Operating Temperature (-70 C to +130 C) with Neoprene / Silicon gaskets
- Can be drilled and tapped to accommodate most thread forms
- Corrosion Resistant
- ROHS Compliant
- 100% free from radioactive content

Material:

- Al Si 12, as per DIN 1725

Protection Class:

- All our enclosures confirms following Ingress Protection (IP) as per IEC 60529;
- IP-64: Protected against water spray from all directions
- IP-65: Protection against low pressure water jets (all directions)
- IP-66: Protection against string water jets and waves.

Standard colours:

- RAL 7001, 7031, 7032, 7035, 7038
- Black RAL 9004, White RAL 9010

INTRODUCTION

Raychem RPG Limited is a 50:50 Joint Venture between Tyco Electronics , U.S.A. (a US\$ 14.2 billion conglomerate & World's largest manufacturer for passive components business and Engineering Products & Services) and RPG Enterprises, among Top 10 business houses in India (with interests in Power Generation, Distribution & Transmission, Cables, IT & Communication, Life Sciences, Automotive, Retail & Entertainment Sectors and a revenue exceeding US\$ 4.5 billion).

The JV was incorporated in 1989 and commenced production in 1990. We are ISO 9001, ISO 14001 & OHSAS 18001 Company Certified by the Lloyds Register of Quality Assurance, UK, with six manufacturing facilities, supported by computerized testing facilities and an advanced engineering lab, two warehouses and customer care/logistics support centres at different locations. We manufacture and supply products for various public and private sector companies who run the country's infrastructure, in the core sectors of Electrical Energy, Electronics & Telecom, and Petroleum/Oil & Gas & Automotive.

The JV, as an integral part of Tyco's Global Sourcing Program, has supplied Custom-made Components for Tyco's (previously known as Raychem Corp.) worldwide requirements. Parts have been shipped to sites in the USA, Germany, Belgium, UK, Ireland, France, Italy Greece, Saudi Arabia, the UAE, Singapore, Malaysia, Thailand, China, Taiwan, etc. Our Exports basket has been continually increasing thereafter with customers in many parts of the world, particularly the Europe and the USA.

Our International Business Division has also added numerous custom-designed components for varied applications, such as:

- Assemblies & sub-assemblies
- Customised Aluminium Pressure Die Casting Parts
- Turned & machined parts with various base metals
- Stamped parts

Customer Focus is the way of life at Raychem RPG Limited, and this continues to reward us with repeat business by our esteemed customers. We have won numerous awards and accolades over the years, chief among them being Export House Status, and the CII-EXIM (Confederation of Indian Industry/Export Import Bank of India) award for TQM Initiatives and Commitment.

You are welcome to learn more about us/our products at our website at www.raychemrpg.com

Specification Sheet with Accessories:

Y--> Yes				Powder Coating					Certification			Accessories				
Sizes-Dimensions External				RAL 7001	RAL 7031	RAL 7032	RAL 7035	RAL 7038	IP 65	IP 66	CE	Allen Head Fixing Screws	Copper Earthing Screws	DIN Rails	External Brackets	Neoprene Gaskets
Raychem Part No	Length	Width	Height													
RJ01	50	45	30	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	Y	
RJ02	98	64	34	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ03	150	64	34	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	Y	Y	
RJ04	58	64	34	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ05	75	80	57	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ06	125	80	57	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ07	175	80	57	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ08	250	80	54	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ09	100	100	81	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15/ TS-35	Y	Y	
RJ10	150	100	81	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15/ TS-35	Y	Y	
RJ11	122	120	81	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ12	220	120	90	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ13	260	160	90	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ14	360	160	90	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ15	160	160	91	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ16	240	160	100	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15/ TS-35	Y	Y	
RJ17	280	230	110	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ18	330	230	111	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ19	230	200	113	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ20	330	230	180	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ21	220	120	81	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	
RJ22	122	120	91	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15/ TS-35	Y	Y	
RJ23	250	80	64	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-15	N	Y	
RJ24	330	230	122	Y	Y	Y	Y	Y	Y	Y	Y	Y	TS-35	Y	Y	

* RJ08 and RJ18- Available from Oct-12
 * IP-67 & IP-68- Available on Request
 * Silicon & PU Gaskets Available on Request
 * Mounting plate & Tamper Proof Screws Available on Request