



* We make electronics work

Automotive Relays

EV Relays

EV Contactors

O/E/N India Limited, Vyttila, Cochin – 682019, Kerala, India

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E-mail: sales@oenindia.com. Website: www.oenindia.com

An ISO 9001, IATF 16949, AS9100D, ISO 14001 & ISO 45001 Company



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Pioneers & Largest Manufacturer of Relays & EV-EVSE Contactors in India

O/E/N India Ltd, pioneers in the manufacture of professional grade electro-mechanical components, including Contactors, Relays, Switches and custom-built products for the Indian electronics industry was incorporated in 1968 as a Joint Venture with Oak Industries Inc of USA.

Technology Strengths

- ◆ Contemporary Tool & Mould design, State of the art Moulding, Stamping & Plating facilities.
- ◆ Design and commissioning of Semi-automated and fully automated assembly lines.
- ◆ Modern Test laboratory with latest equipments for Testing and Validation.
- ◆ Complete Quality-Control system.

State-of-the-art vertically integrated manufacturing facilities in Kochi, Kerala, and in Pune, Maharashtra, covering over 31,000 squaremeters with in-house Tool Room, Fabrication Shop for Pressed and Moulded parts, Plating and Assembly lines, Test Facility etc.

Segments We Serve:

- ◆ Automotive
- ◆ Industrial Control & Automation
- ◆ Railways
- ◆ Power & Smart Grid
- ◆ EV-EVSE
- ◆ Renewables
- ◆ Lighting Control
- ◆ HVAC
- ◆ IOT/ Smart Homes



Kochi Plant



MIDC Pune Plant





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REGULATIONS



REQUIREMENTS

COMPLIANCE



POLICIES



STANDARDS



RULES

Approvals

- ◆ ISO 9001 Certified :
Quality Management System
- ◆ IATF 16949 Certified :
Automotive Relay Manufacturing
- ◆ ISO 14001 Certified :
Environmental Management
- ◆ ISO 45001 Certified : Occupational Health &
Safety Management (OHSAS)
- ◆ AS 9100D : Design & Manufacturing for Aerospace
- ◆ Industrial Relays/Products are separately
approved to UL / CSA / VDE / CE or others as
applicable.
- ◆ Specific Relays also conform to the relevant IEC
standards like IEC 61810-1-1, IEC 60255-27 etc.
- ◆ Consistently Audited by Leading
International & Domestic Automotive OEMs.



ISO 9001:2015



IATF 16949:2016



ISO 14001:2015



ISO 45001:2018



Committed to Environment

O/E/N relays conform to the requirements as per the EU directive of Restriction of Hazardous Substances 2015/863,2011/65/EU.





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Plug-in Relays

Series 73



- ◆ International Standard Footprint
- ◆ SPST & SPDT Versions
- ◆ Rated upto 35A
- ◆ Max switching current 100A
- ◆ IP67 Enclosure



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Series 74

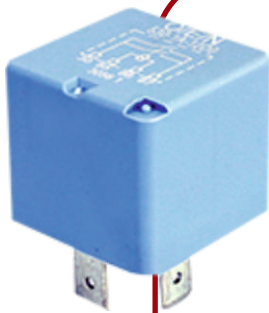


- ◆ International Standard Footprint
- ◆ SPST & SPDT Versions
- ◆ Rated upto 40A
- ◆ Max switching current 120A
- ◆ IP67 Enclosure



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Series 53

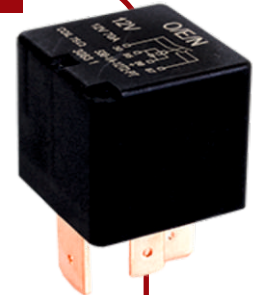


- ◆ International Standard Footprint
- ◆ High Performance Relay
- ◆ SPST Version
- ◆ Limiting continuous current upto 70A
- ◆ Max switching current 240A
- ◆ IP67 Enclosure



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Series 53PT



- ◆ International Standard Footprint
- ◆ High Performance Relay
- ◆ SPST Version
- ◆ Limiting continuous current upto 100A
- ◆ Max switching current 350A
- ◆ IP67 Enclosure



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Plug-in Relays

Series 83



- ◆ International Standard Footprint
- ◆ Rated upto 20A
- ◆ IP67 Enclosure
- ◆ Light weight & Low coil power
- ◆ Max switching current 100A



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Series 79



- ◆ International Standard Footprint
- ◆ Rated upto 50A
- ◆ SPST & SPDT Versions
- ◆ Dust protected
- ◆ Shrouded terminals
- ◆ Max switching current 120A



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Series 94

- ◆ International Standard Footprint
- ◆ SPST Version
- ◆ IP67 Enclosure
- ◆ Rated upto 20A
- ◆ Light weight
- ◆ Max switching current 100A

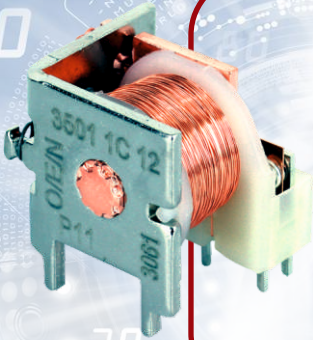


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PCB Relays



Series 35

- ◆ International Standard Footprint
- ◆ Direct PCB Mountable
- ◆ Rated upto 30A
- ◆ SPST & SPDT Versions
- ◆ Max switching current 50A



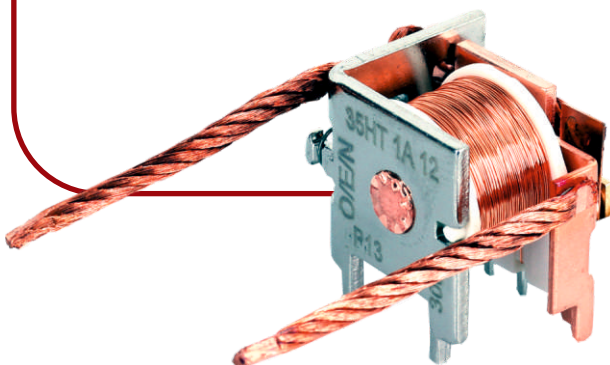
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Series 35HT

- ◆ International Standard Footprint
- ◆ Direct PCB Mountable
- ◆ SPST Version
- ◆ Extra braided wire - Enhanced current rating
- ◆ Rated upto 70A
- ◆ Max switching current 300A



E-catalogue

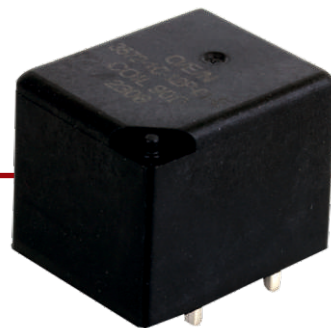


Series 3572

- ◆ International Standard Footprint
- ◆ Direct PCB Mountable
- ◆ Rated upto 45A
- ◆ SPST & SPDT Versions
- ◆ Max switching current 100A



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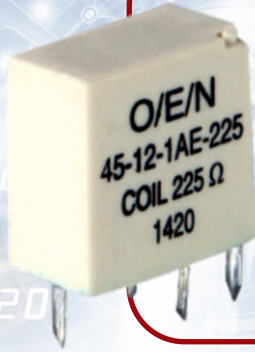




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PCB Relays

Series 45

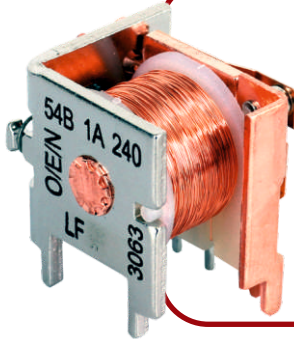


- ◆ International Standard Footprint
- ◆ SPST & SPDT Versions
- ◆ Rated upto 20A
- ◆ Compact & Light weight
- ◆ Single & Twin versions available
- ◆ Max switching current 30A



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Series 54



- ◆ International Standard Footprint
- ◆ SPST Version
- ◆ Rated upto 70A
- ◆ Unique twin contact
- ◆ Max switching current 300A



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Series 93



- ◆ International Standard Footprint
- ◆ Compact size
- ◆ Rated upto 40A
- ◆ SPST Version
- ◆ IP67 Enclosure
- ◆ Max switching current 250A
- ◆ Light weight



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Bracket Mounting Relays and Custom Modules

Series 84

- ◆ Dual contact Version
- ◆ IP67 Enclosure
- ◆ Rated upto 100A
- ◆ Continuous carry current 80A
- ◆ Shrouded coil terminals



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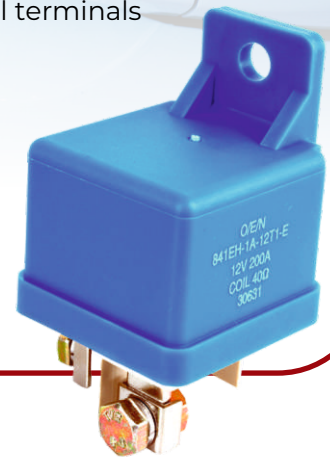


Series 84EH

- ◆ Single contact and Dual contact Versions
- ◆ IP67 Enclosure
- ◆ Rated upto 200A
- ◆ Screw type termination for contacts
- ◆ Max switching current 700A
- ◆ Shrouded coil terminals



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Series 86

- ◆ Battery Disconnect Relay
- ◆ Rated upto 275A
- ◆ Limiting making current upto 2000A
- ◆ Shock resistance upto 10G
- ◆ Vibration resistance upto 10G



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Bracket Mounting Relays and Custom Modules

Series 192 Timer



- ◆ ON & OFF Delay Versions
- ◆ SPST & SPDT Versions
- ◆ Latching Type (SPST) available
- ◆ Current rating upto 20A
- ◆ EMI/ EMC compliance on request



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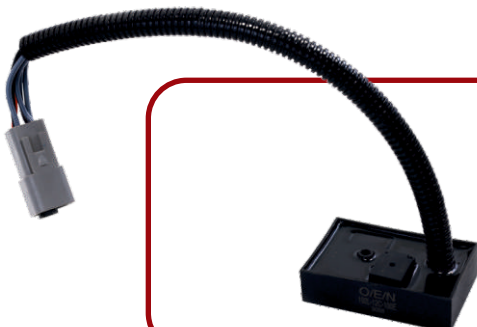
Series 92 Dual Headlamp Relay



- ◆ 2 x 1 Form A Type
- ◆ Plug in type
- ◆ Rated upto 30A



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Custom Made Latch Module

- ◆ Different connector options available
- ◆ SPST & SPDT Versions
- ◆ Custom timer options



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EV Contactors and EV Relays

Series 160



- ◆ Gasless Technology for arc quenching
- ◆ Dual Coil Economiser Version
- ◆ Continuous current carrying capacity upto 250A
- ◆ High voltage switching upto 450VDC
- ◆ Short time peak current upto 6000A

Series 161



- ◆ Gasless Technology for arc quenching
- ◆ Dual Coil Economiser Version
- ◆ Continuous current carrying capacity upto 200A
- ◆ High voltage switching upto 150VDC
- ◆ Short time peak current upto 4300A
- ◆ IP67 Enclosure

Series 74EV



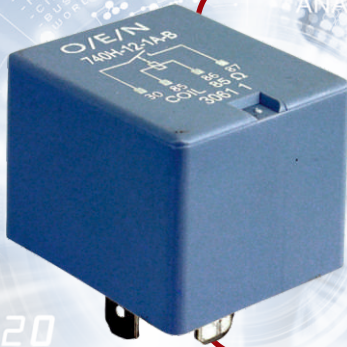
- ◆ International Standard Footprint
- ◆ Pre-charge switching current capacity upto 20A
- ◆ High voltage switching upto 450VDC
- ◆ IP67 Enclosure



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EV Contactors and EV Relays

Series 74H

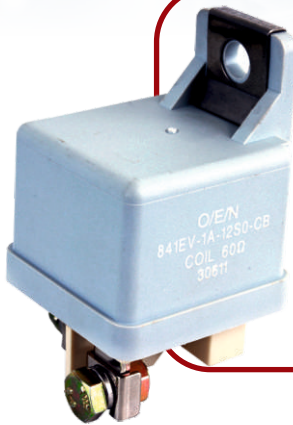


- ◆ International Standard Footprint
- ◆ SPST & SPDT Versions
- ◆ Rated upto 25A
- ◆ High voltage switching upto 110VDC
- ◆ Max switching current 120A
- ◆ IP67 Enclosure



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Series 84EV



- ◆ Rated upto 150A
- ◆ IP67 Enclosure
- ◆ High voltage switching upto 72VDC
- ◆ Screw type termination for contacts
- ◆ UL94 grade plastics
- ◆ Shrouded coil terminals



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Series 82



- ◆ PCB Mountable relay
- ◆ Rated for 10A @ 450VDC
- ◆ 2 x 1 Form A configuration
- ◆ 4KV dielectric strength
- ◆ Max switching current 12 A
- ◆ Max switching voltage 600VDC



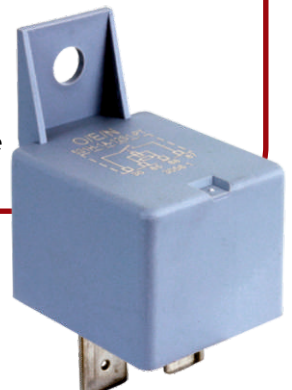
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Series 53H

- ◆ International Standard Footprint
- ◆ SPST Version
- ◆ Rated upto 50A
- ◆ High voltage switching upto 145VDC
- ◆ Max switching current 150A
- ◆ IP67 Enclosure



E-catalogue



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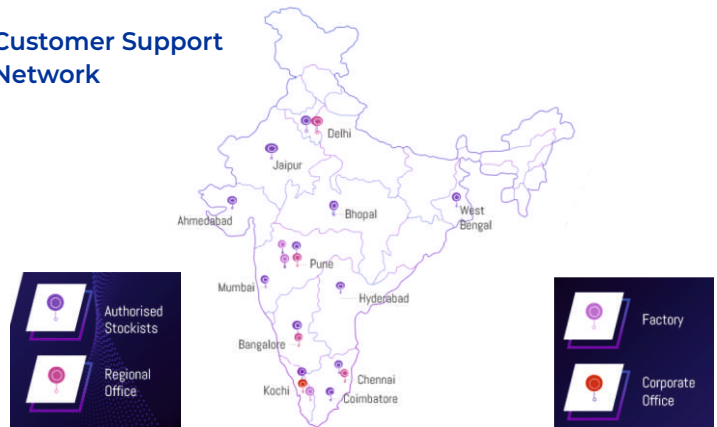
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Customer Support Network



International Sales Regions

