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## Vision / Visi

Becoming the leading and trusted fire safety company that provides the best solution for the customer needs

*Menjadi perusahaan pengamanan kebakaran yang unggul dan terpercaya yang menyediakan solusi terbaik bagi kebutuhan pelanggan*

## Mission / Misi

Providing the high quality products and services to our customers and society

*Menyediakan produk-produk dan jasa berkualitas tinggi bagi pelanggan maupun masyarakat dalam hal pengamanan terhadap kebakaran*

**“YOUR SAFETY IS OUR PRIORITY”**

**PT CITRA AMAN ABADI** is a fire safety company that provides a total solution for fire fighting and protection system. Established since 1988, the Company has been developing for extensive marketing-network around Indonesia in producing, designing, installing and supplying fire-fighting goods and services for households, factories, office buildings, apartments, oil/gas, tanks etc.

Our team is supported by experienced engineers who would deliver the best possible services, high-quality products with adequate inventory and the right solution for the needs of our customers.

**PT CITRA AMAN ABADI** adalah sebuah perusahaan yang memberikan solusi menyeluruh dalam hal sistem pencegahan dan pemadam kebakaran. Perusahaan kami berdiri sejak tahun 1988 dimana kami terus mengembangkan jaringan pemasaran di seluruh Indonesia yang meliputi produksi, perencanaan dan instalasi, pengadaan barang dan jasa pencegahan/pemadam kebakaran untuk rumah tinggal, pabrik, gedung perkantoran, apartemen, tangki minyak/gas, dll.

Tim kami didukung oleh para tenaga ahli berpengalaman yang akan memberikan pelayanan yang terbaik, menyediakan produk-produk berkualitas tinggi dengan inventori yang memadai merupakan solusi tepat dalam memenuhi kebutuhan pelanggan kami

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# ZEKI

## FIRE FIGHTING EQUIPMENT

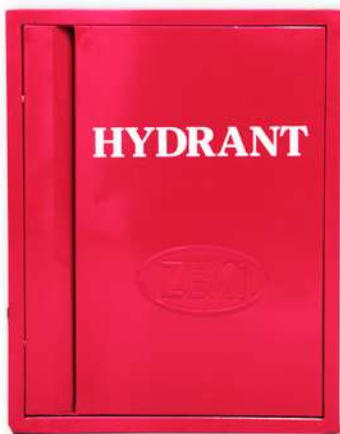
Originated by a Japanese brand and due to its high quality, ZEKI has been popular with the fire safety industry since 1980s. Initially ZEKI products were limited to fire hydrant equipment only. Nonetheless based on the market demand, we have expanded the range of our products to include fire extinguisher, sprinkler, as well as the alarm system.

*Berawal sebagai merk Jepang dan karena kualitas produk yang tinggi, ZEKI telah menjadi populer di dalam industri pengamanan kebakaran sejak tahun 1980'an. Pada mulanya produk-produk ZEKI hanya terbatas pada peralatan fire hydrant saja, namun berdasarkan permintaan pasar kami mengembangkan beragam produk yang kami sediakan, mencakup tabung pemadam api, sprinkler, dan juga sistem alarm.*

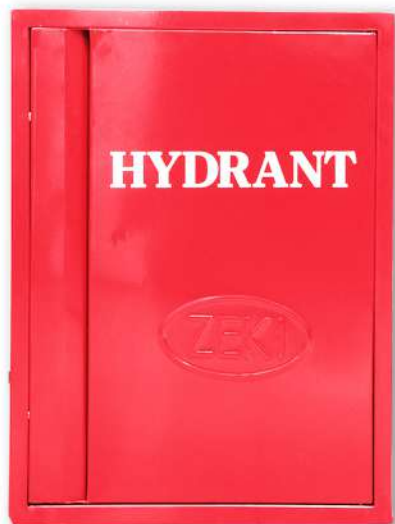




# HYDRANT BOX



Type : A1 (indoor hydrant box)  
 Size : 66 X 52 X 15 Cm  
 Plate : 1 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



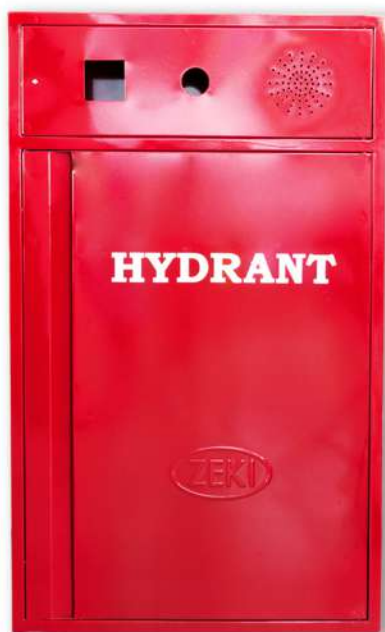
Type : A2 (indoor hydrant box)  
 Size : 100 X 80 X 18 Cm  
 Plate : 1 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



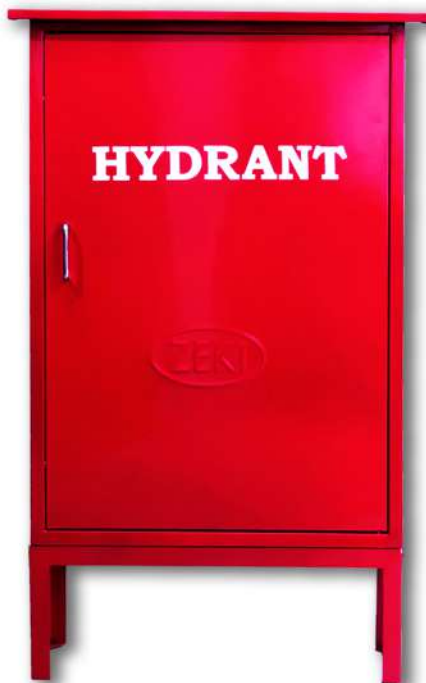
Type : B (customize)  
 Size : 175 X 75 X 20 Cm  
 Plate : 1 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Fire Cabinet  
 Size : 180 X 130 X 60 Cm  
 Plate : 1,2 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : B (indoor hydrant box)  
 Size : 125 X 75 X 18 Cm  
 Plate : 1 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : C (outdoor hydrant box)  
 Size : 95 X 66 X 20 Cm  
 Plate : 1 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Fire Trolley  
 Size : 120 X 100 X 50 Cm  
 Plate : 1,2 mm Mild Steel  
 Production Process : Dust Remover, Phosphating & Zinc Chromate Primes

Notes:we accept making box with size specially according to customers' specifications

# BOX TABUNG APAR



Type : Box Apar 2.5kg  
Size : 50 X 30 X 20Cm  
Plate : 1 mm Mild Steel  
Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Apar 3.5Kg  
Size : 55 X 30 X 25 Cm  
Plate : 1 mm Mild Steel  
Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Apar 4.5Kg  
Size : 60 X 30 X 25 Cm  
Plate : 1 mm Mild Steel  
Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Apar 6Kg  
Size : 65 X 30 X 25 Cm  
Plate : 1 mm Mild Steel  
Production Process : Dust Remover, Phosphating & Zinc Chromate Primes



Type : Box Apar 9Kg  
Size : 70 X 30 X 30 Cm  
Plate : 1 mm Mild Steel  
Production Process : Dust Remover, Phosphating & Zinc Chromate Primes

Notes:we accept making box with size specially according to customers' specifications



## Selang Pemadam Fire Hose



### Fire Hose ZEKI

Size : 1.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 10 bar  
           : Maximum Pressure 20 bar



### Fire Hose ZEKI

Size : 2.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 16 bar  
           : Maximum Pressure 32 bar

### Fire Hose ZEKI

Size : 2.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 10 bar  
           : Maximum Pressure 20 bar



### Fire Hose EPDM ZEKI

Size : 1.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 10 bar  
           : Maximum Pressure 20 bar



### Fire Hose ZEKI

Size : 1.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 13 bar  
           : Maximum Pressure 26 bar



### Fire Hose EPDM ZEKI

Size : 2.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 10 bar  
           : Maximum Pressure 20 bar

### Fire Hose ZEKI

Size : 2.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 13 bar  
           : Maximum Pressure 26 bar



### Fire Hose Rubber ZEKI

Size : 1.5" x 30Mtr  
 Material : Outside Part Rubber  
           : Inside Part Rubber  
 Pressure : Working Pressure 16 bar  
           : Maximum Pressure 32 bar



### Fire Hose ZEKI

Size : 1.5" x 30Mtr  
 Material : Outside Part Canvas  
           : Inside Part Rubber  
 Pressure : Working Pressure 16 bar  
           : Maximum Pressure 32 bar



### Fire Hose Rubber ZEKI

Size : 2.5" x 30Mtr  
 Material : Outside Part Rubber  
           : Inside Part Rubber  
 Pressure : Working Pressure 16 bar  
           : Maximum Pressure 32 bar

# ZEKI HYDRANT ACCESORIES



## Hose Reel Zeki

Size : 1" x 100 feet  
 Material : Outside Part Rubber  
 Inside Part Rubber  
 Pressure : Working Pressure 10 bar  
 Maximum Pressure 20 bar



## Hydrant Valve ZEKI

Size : 1.5" & 2.5"  
 Material : Chrome  
 Model : MCH & VDH  
 Pressure : Working Pressure 16 bar  
 Maximum Pressure 32 bar

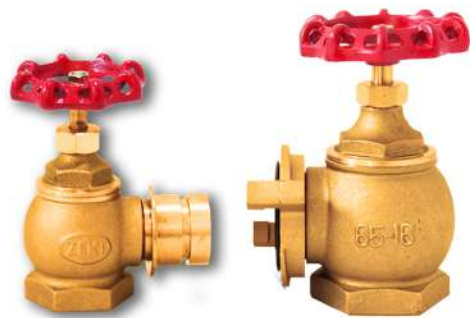
## Hydrant Valve ZEKI

Size : 1.5" & 2.5"  
 Material : Brass  
 Model : MCH & VDH  
 Pressure : Working Pressure 10 bar  
 Maximum Pressure 24bar



## Hose Nozzle ZEKI

Size : 1.5" & 2.5"  
 Material : Brass



## Hydrant Valve ZEKI

Size : 1.5" & 2.5"  
 Material : Brass  
 Model : MCH & VDH  
 Pressure : Working Pressure 16 bar  
 Maximum Pressure 32 bar



## Hose Nozzle ZEKI

Size : 1.5" & 2.5"  
 Material : Alumunium

## Hydrant Valve ZEKI

Size : 1.5" & 2.5"  
 Material : Chrome  
 Model : MCH & VDH  
 Pressure : Working Pressure 10 bar  
 Maximum Pressure 20 bar



## Hose Rack ZEKI

Size : 1.5" & 2.5"  
 Material : Brass  
 Finishing : Chrome







**Siamese Connection Two Way**

Type : S7  
Coupling : Van Der Hayden ( VDH )  
Size : 4" X 2.5" X 2.5"  
Material : Brass



**Hydrant Pillar**

Type : One Way  
Coupling : Machino ( MCH )  
Size : 3" X 2.5"  
Material : Brass  
Pressure : Working Pressure 10 bar  
Maximum Pressure 20 bar

**Siamese Connection Two Way**

Type : S7  
Coupling : Machino ( MCH )  
Size : 4" X 2.5" X 2.5"  
Material : Brass



**Hydrant Pillar**

Type : Two Way  
Coupling : MCH  
Size : 4" X 2.5" X 2.5"  
Material : Brass  
Pressure : Working Pressure 10 bar  
Maximum Pressure 20 bar



**Siamese Connection Four Way**

Coupling : Machino ( MCH )  
Size : 6" X 2.5" X 2.5" X 2.5" X 2.5"  
Material : Cast Iron



**Hydrant Pillar**

Type : Three Way  
Coupling : Machino ( MCH )  
Size : 6" X 4" X 2.5" X 2.5"  
Material : Brass  
Pressure : Working Pressure 10 bar  
Maximum Pressure 20 bar



# ZEKI FIRE EXTINGUISHER

## POWDER



### ZT - 10P

CE

Out diameter	: 90mm
Cylinder Length	: 260mm
Dry powder filled weight	: 1kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (2A:10B)



### ZT - 45P

CE

Out diameter	: 135mm
Cylinder Length	: 400mm
Dry powder filled weight	: 4.5kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (13A:70B)

### ZT - 25P

CE

Out diameter	: 130mm
Cylinder Length	: 330mm
Dry powder filled weight	: 2.5kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (8A:34B)



### ZT - 60P

CE

Out diameter	: 160mm
Cylinder Length	: 400mm
Dry powder filled weight	: 6kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (21A:113B)



### ZT - 35P

CE

Out diameter	: 120mm
Cylinder Length	: 390mm
Dry powder filled weight	: 3.5kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (8A:55B)



### ZT - 90P

CE

Out diameter	: 175mm
Cylinder Length	: 550mm
Dry powder filled weight	: 9kg
Test pressure	: 12 bar
Maximum pressure	: 24 bar
Fire class	: (21A:144B)

# ZEKI FIRE EXTINGUISHER



## ZCO - 5

Out diameter : 110mm  
 Cylinder Length : 470mm  
 CO2 filled weight : 2.3kg  
 Test pressure : 169,3 bar  
 Maximum pressure : 250 bar  
 Fire class : ( 13B )



## ZCO - 15

Out diameter : 150mm  
 Cylinder Length : 650mm  
 CO2 filled weight : 6.8kg  
 Test pressure : 169,3 bar  
 Maximum pressure : 250 bar  
 Fire class : ( 25B )

## ZCO - 7

Out diameter : 110mm  
 Cylinder Length : 660mm  
 CO2 filled weight : 3.2kg  
 Test pressure : 169,3 bar  
 Maximum pressure : 250 bar  
 Fire class : ( 16B )



## ZCO - 10

Out diameter : 150mm  
 Cylinder Length : 650mm  
 Co2 filled weight : 4.6kg  
 Test pressure : 169,3 bar  
 Maximum pressure : 250 bar  
 Fire class : ( 21B )

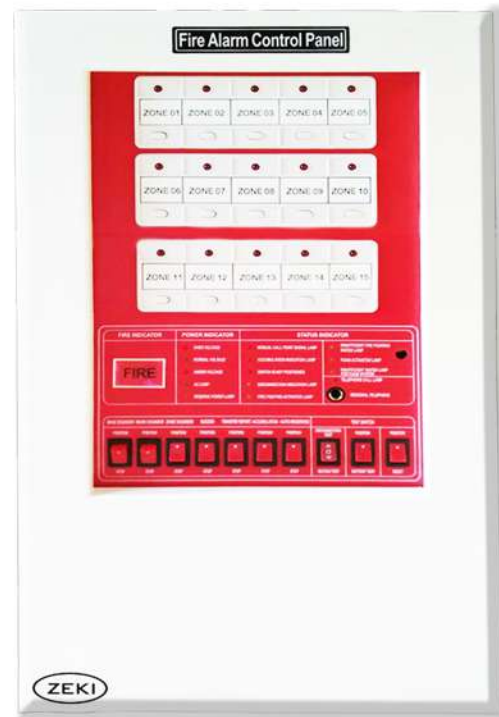
## ZCO - 50

Out diameter : 220mm  
 Cylinder Length : 1210mm  
 CO2 filled weight : 23kg  
 Test pressure : 169,3 bar  
 Maximum pressure : 250 bar  
 Fire class : ( 34B )





# CONTROL PANEL



# FIRE ALARM SYSTEM

## Dimensions

Cabinet	Wall Mount					
Number Of Zone	5-10L	15L	20L	30L	40L	50L
H (mm)	400	495	580	520	580	700
W (mm)	300	300	300	480	480	480
D (mm)	120	120	120	180	180	180

## Specification

Item	Specification
Model	ZA-1
Power Source	110V AC 50/60 Hz or 220V AC 50/60 Hz
Standby Battery	24V DC
Charging Voltage	Below 26V DC 450mA, trickle charging
Circuit Voltage	24V DC operation voltage, under 10-11V DC 32mA
Rated Impedance	Under 50Ω, Ground Resistance above 2MΩ
Detector Connection	No limitation for conventional rate of rise heat/-fixed temperature up to 30 photoelectric smoke detector (24V DC 40 uA) per zone
E.O.L. Resistor	10KΩ
No. of Indicators	1.2 times of the number of zone ( LED Indicating lamp )
No. of Bells	1.2 times of number of zone
Color	Red
Buttons	Rocker Switch/Push button
Cabinet Material	Powder coating steel
Main Audio	Mono Tone Sounder ( Above 85dB for 1m distance)
Alarm Relay Contact	2 sets of no voltage NO contact, capacity AC 250V / 7A

## DETECTORS



### PHOTOELECTRIC SMOKE DETECTOR

Type : ZA-201 SP  
 Operating Voltage : 15% less than 30 second  
 Alarm Current : 25mA  
 Standby Current : 24V DC / 35  $\mu$ A Below  
 Ambient Temperature : 0°C up 50°C  
 Alarm Temperature : Comply to EN54, CNS  
 Weight : 100g  
 Dimension : 100.95(D) X 45.84 (H) mm

### PHOTOELECTRIC SMOKE DETECTOR ( China )

Type : ZA-211 SP  
 Operating Voltage : 12 - 28V DC  
 Alarm Current : 2.5mA  
 Standby Current : 0.3mA  
 Ambient Temperature : -10°C up +55°C  
 Weight : 80g  
 Dimension : 100(D) X 55.8(H) mm



### RATE OF RISE HEAT DETECTOR

Type : ZA-202 R  
 Operating Voltage : 12-30V DC  
 Alarm Current : 30mA (max)  
 Ambient Temperature : -10°C up +55°C  
 Alarm Temperature : Comply to EN54, CNS  
 Weight : 156g  
 Dimension : 102(D) X 45(H) mm



### FIXED TEMPERATURE HEAT DETECTOR

Type : ZA-203 F  
 Operating Voltage : 12-30V DC  
 Alarm Current : 30mA (max)  
 Fixed Temperature : 70°C  
 Ambient Temperature : -10°C up +55°C  
 Alarm Temperature : Comply to EN54, CNS  
 Weight : 106g  
 Dimension : 102(D) X 46(H) mm



### BEAM DETECTOR

Type : ZA-214 BM  
 Operating Voltage : 20 - 28V DC  
 Alarm Current : 33mA  
 Operating Temperature : -10°C to 55°C  
 Beam Sensor Sensitivity : Level 1: 2.6dB High  
 Level 2: 3.8dB Medium  
 Level 3: 5.8dB Low



### MANUAL PUSH BUTTON

Type : ZA-401  
 Rated Voltage : 24V DC  
 Alarm Current : 30mA  
 Weight : 150g (with base)  
 Dimension : 140(D) mm



### MANUAL CALL POINT

Type : ZA-411 CP  
 Operating Voltage : 24V DC  
 Alarm Current : 30mA  
 Operating Temperature : -20°C +55°C  
 Weight : 172g (with base)  
 Dimension : 95 X 95 X 46 mm

### ALARM BELL

Type : ZA-624 B  
 Operating Voltage : 24V DC  
 Alarm Current : 35mA  
 Sound Output : 90dB/M and above  
 Power Source : Motor  
 Weight : 418g  
 Dimension : 102(D) X 150(H) mm



### STROBE LIGHT

Type : ZA-311 SL  
 Operating Voltage : 24V DC  
 Typical Current : Loop : Standby 0.6mA  
 Alarm 5.0mA  
 External PSU : Standby 2.0mA  
 Alarm 50.0mA  
 Operating Temperature : -10°C to +55°C  
 Dimension : 145 X 115 X 60 mm  
 Weight : 150g (with base)

### INDICATING LAMP

Type : ZA-300 L  
 Operating Voltage : 24V DC  
 Alarm Current : 12mA  
 Ambient Temperature : -10°C Up +55°C  
 Weight : 52g  
 Dimension : 92(D) X 58(H) mm







**Head Sprinkler Pendent**

Material : Bronze  
 Diameter : 1/2"  
 Flow Coefficient : K=5.6 / 80 (metric)  
 Rated Working Pressure : 1.2 Mpa  
 Factory Test Pressure : ( Atmospheric Pressure ) 3,4 Mpa

**Head Sprinkler Upright**

Material : Bronze  
 Diameter : 1/2"  
 Flow Coefficient : K=5.6 / 80 (metric)  
 Rated Working Pressure : 1.2 Mpa  
 Factory Test Pressure : ( Atmospheric Pressure ) 3,4 Mpa



**Head Sprinkler Sidewall**

Material : Bronze  
 Diameter : 1/2"  
 Flow Coefficient : K=5.6 / 80 (metric)  
 Rated Working Pressure : 1.2 Mpa  
 Factory Test Pressure : ( Atmospheric Pressure ) 3,4 Mpa

**Sprinkler Concealed Pendent**

Material Cover Plate : Chrome, Brass  
 Diameter : 1/2"  
 Flow Coefficient : K=5.6 / 80 (metric)  
 Rated Working Pressure : 1.2 Mpa  
 Factory Test Pressure : ( Atmospheric Pressure ) 3,4 Mpa



**Alarm Control Valve / Wet Alarm Valve**

**Dimensi**

<b>Size</b>	3"	4"	6"	8"
<b>Flange External Diameter (mm)</b>	200	220	285	340
<b>Flange threaded standard pitch cicle (mm)</b>	160	180	240	295
<b>Bolt Bore Diameter (mm)</b>	18	18	22	22
<b>Bolt Bore Quality</b>	8	8	8	12



**Technical Parameter**

Size	Test Pressure	Working Pressure	Alarm Flow	Alarm Time	Alarm Bell	Friction
3"	2.4 Mpa	1.2 Mpa	15< Q<60	5-90s	≤0.035 Mpa	≤0.04Mpa
4"	2.4 Mpa	1.2 Mpa	15< Q<60	5-90s	≤0.035 Mpa	≤0.04Mpa
6"	2.4 Mpa	1.2 Mpa	15< Q<60	5-90s	≤0.035 Mpa	≤0.04Mpa
8"	2.4 Mpa	1.2 Mpa	15< Q<60	5-90s	≤0.035 Mpa	≤0.04Mpa

**Branch Control Valve**

**Butterfly**

Availble Size : 2",2.5" ,4" ,5" ,& 6"  
 Working Pressure : 1.6MPa  
 Working Temperature : 0-65°C  
 Working Voltage : DC24V

**Flow Switch**

Availble Size : 2",2.5" ,4" ,5" ,& 6"  
 Working Pressure : 1.2MPa  
 Indicator Sensivity : 15 to 37.5 L/Min  
 Contact Capacity : a pair of 220v ac/5a or 24V DC/ 3A  
 Normally open contact





# OUR PROJECT

