

RevaTM

AN ISO 9001:2015 CERTIFIED COMPANY

Product

Catalog

2025 



IMPECCABLE MANUFACTURING
WITH JAPANESE TECHNOLOGY

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S2M 266
S2M 266

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89

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Company Profile

Reva Electronics

Based in Vapi, Gujarat, is dedicated to delivering high-quality and reliable solutions in the field of industrial automation and electronic components. Established by professionals with strong industry expertise, we combine technical knowledge with a commitment to innovation and customer satisfaction.

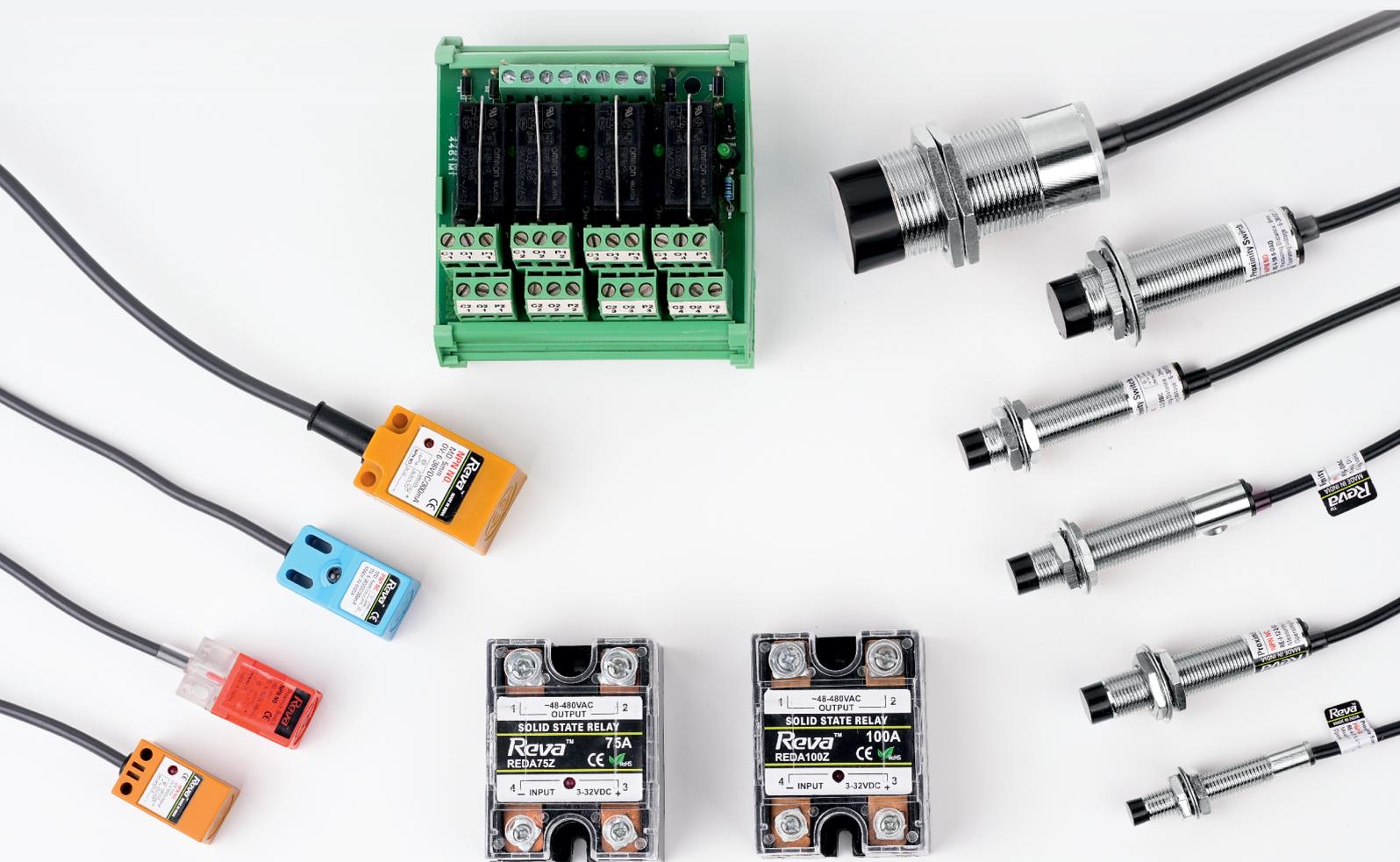
We are proud to be an ISO 9001:2015 certified company, with products that comply with CE and RoHS standards, reflecting our focus on safety, quality, and environmental responsibility. Our product portfolio includes Solid State Relays, Proximity Switches, and Relay Interface Cards, serving a wide range of industrial applications.

Every product is manufactured in our state-of-the-art automatic facility and verified through a fully equipped in-house testing infrastructure. From raw material inspection to final testing, each stage follows strict quality protocols to ensure precision, consistency, and reliability. Our approach is driven by continuous improvement, process automation, and rigorous quality control, ensuring products that consistently perform in demanding environments.

Guided by values of integrity, accountability, and customer focus, we believe in building long-term partnerships through ethical practices and dependable products. With Reva Electronics, customers can count on solutions that deliver both performance and trust.

RevaTM

INHOUSE QUALITY TESTING AND EXPERIMENTAL CENTER



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Solid State Relay & Heat Sink

Model Definition

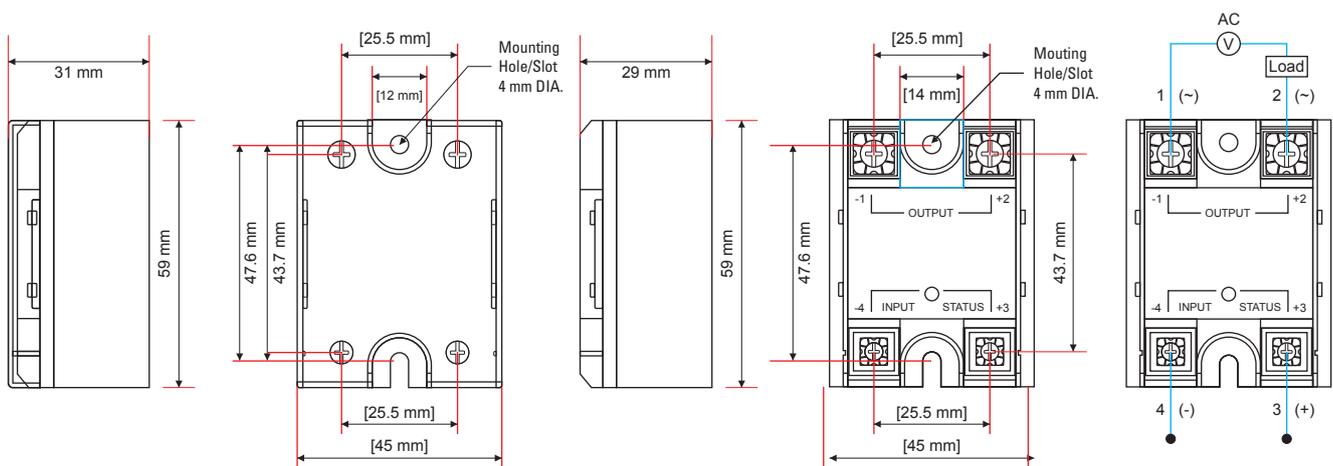
RE	Control Type	Rated Output Current	Switching Type	Snubber Network
	DA: DC control AC AA: AC control AC DD: DC control DC	16: 16A 25: 25A 40: 40A 75: 75A 90: 90A 100: 100A 150: 150A 200: 200A	Z: Zero Cross Over R: Random	S: Snubber _: Snubber less
Reva Electronics				



Features

Classification	SOLID STATE RELAY DC control AC		
Type	REDA-16Z	REDA-25Z	REDA-40Z
Appearance			
Outline (LxWxH)	62x45x23.5 mm	62x45x23.5 mm	62x45x23.5 mm
Control Type	DC-AC	DC-AC	DC-AC
Rated Current	16A	25A	40A
Operation Voltage	48-480VAC	48-480VAC	48-480VAC
Control Voltage	3-32VDC	3-32VDC	3-32VDC
Control Current	10mA	10mA	10mA
PIV	800Vpk	800Vpk	800Vpk
On-State Voltage Drop	≤1.5VAC	≤1.5VAC	≤1.5VAC
Load Current @ 40°C (with recommended heat sink)	8A	16A	18A
Dielectric Strength	4000Vrms	4000Vrms	4000Vrms
Ambient Temperature	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C
Input Status Indicator	LED	LED	LED
Weight	95g	95g	95g

Dimension Wring Daigram

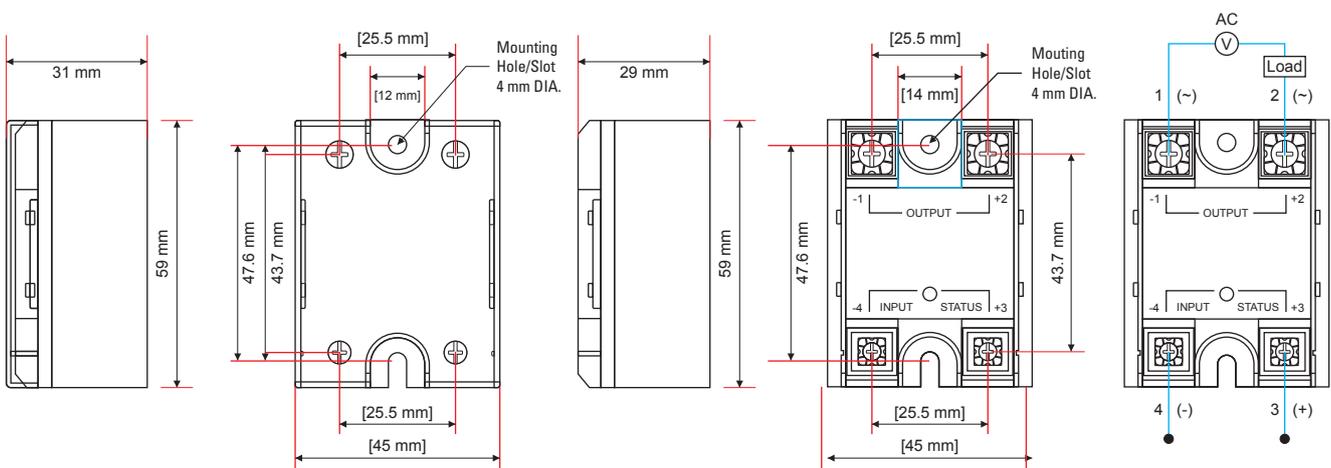


Solid State Relay

Features

Classification	SOLID STATE RELAY DC control AC		
Type	REDA-75Z	REDA-100Z	REDA-150Z
Appearance			
Outline (LxWxH)	62x45x23.5 mm	62x45x23.5 mm	62x45x23.5 mm
Control Type	DC-AC	DC-AC	DC-AC
Rated Current	75A	100A	150A
Operation Voltage	48-480VAC	48-480VAC	48-480VAC
Control Voltage	3-32VDC	3-32VDC	3-32VDC
Control Current	10mA	10mA	10mA
PIV	1600Vpk	1600Vpk	1600Vpk
On-State Voltage Drop	≤1.5VAC	≤1.5VAC	≤1.5VAC
Load Current @ 40°C (with recommended heat sink)	42A	65A	75A
Dielectric Strength	4000Vrms	4000Vrms	4000Vrms
Ambient Temperature	-30°C to +80°C	-30°C to +80°C	-30°C to +80°C
Input Status Indicator	LED	LED	LED
Weight	120g	120g	120g

Dimension Wring Daigram



Heat Sink

RE-HS1-1



Technical Specification

Thermal Resistance:	2.5°C/W
Current Up to at 40°C:	26A
Size:	44mmx68mmx32mm
Weight:	95gm
Isolation:	35mm Plastic Din Rail Clamp for 10kV isolation
Suitable for model:	REDA16Z, REDA25Z, REDA40Z

RE-HS2-1



Technical Specification

Thermal Resistance:	1.17°C/W
Current Upto at 40°C:	36A
Size:	48mmx87mmx80mm
Weight:	315gm
Isolation:	35mm Plastic Din Rail Clamp for 10kV isolation
Suitable for model:	REDA40Z, REDA75Z

RE-HS2-2



Technical Specification

Thermal Resistance:	0.85°C/W
Current Upto at 40°C:	60A
Size:	72mmx87mmx80mm
Weight:	515gm
Isolation:	35mm Plastic Din Rail Clamp for 10kV isolation
Suitable for model:	REDA100Z, REDA75Z

RE-HS2-3



Technical Specification

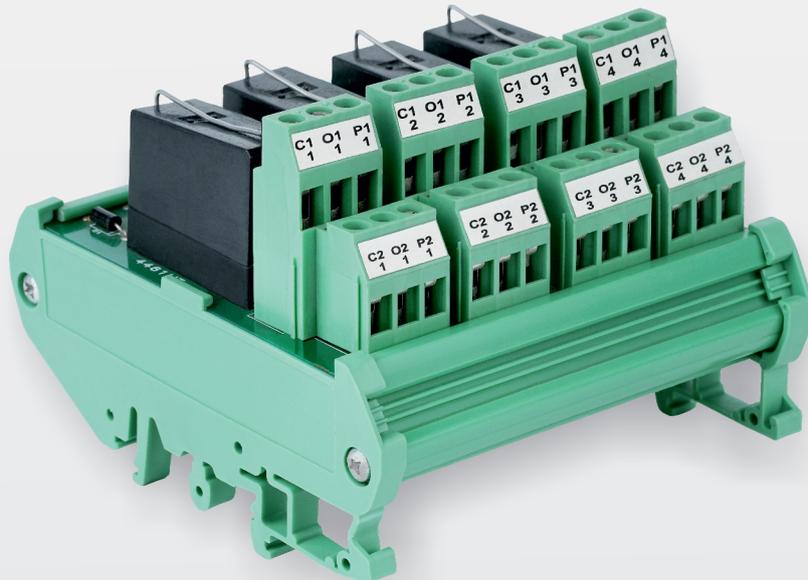
Thermal Resistance:	0.65°C/W
Current Upto at 40°C:	80A
Size:	100mmx87mmx80mm
Weight:	690gm
Isolation:	35mm Plastic Din Rail Clamp for 10kV isolation
Suitable for model:	REDA100Z, REDA150Z

Relay Interface Card

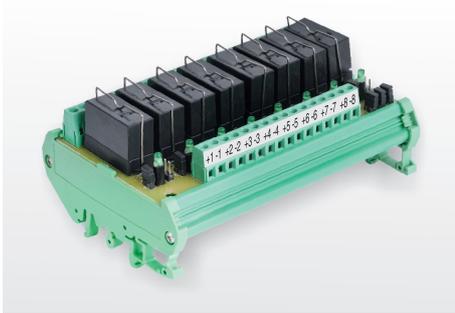
Model Definition

RE	Operating Voltage	Channel	Contact type	Relay Make
	12: 12VDC 24: 24VDC	2CH: 2 Channels 4CH: 4 Channels 8CH: 8 Channels 16CH: 16 Channels	1CO: 1 Change Over 2CO: 2 Change Over	OMR: Omron OEN: OEN

Reva Electronics



DC RELAY MODULE WITH 1C/O CONTACT



Input Data

Operating Voltage:	12VDC	24VDC
Rated Current (mA):	40	25
Input Status:	Green LED	
Back emf Protection:	Free-Wheeling Diode	
Positive/Negative looping:	User Selectable using Jumpers	

Output Data

Contact Configuration:	SPDT, Potential Free
Contact Current Rating:	12A at 250 VAC, 12A at 24 VDC
Mechanical Operation:	18,000/hr
Electrical Operation:	1,800/hr
Dielectric Strength between Contacts:	1,000 VAC, 50/60Hz. 1min.

Termination Data

Terminal Type:	Screw Terminal
Cross-Section:	2.5mm ²
Rated Voltage:	250V

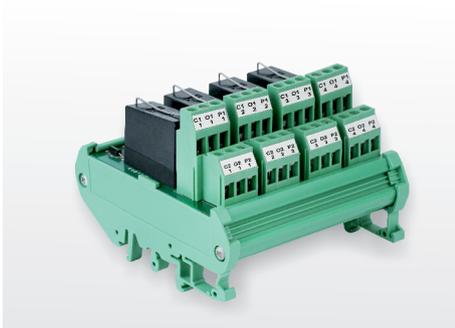
Relay Data

Relay Make:	Omron, G2RL Series or Equivalent
Contact type:	1 Change Over

General Data

Ambient Temperature:	0°C to +60°C
Mounting:	Din Rail Mountable
Available in (No. of Channels):	2,4,8,16

DC RELAY MODULE WITH 2 C/O CONTACT



Input Data

Operating Voltage:	12VDC	24VDC
Rated Current (mA):	40	25
Input Status:	Green LED	
Back emf Protection:	Free-Wheeling Diode	
Positive/Negative looping:	User Selectable using Jumpers	

Output Data

Contact Configuration:	DPDT, Potential Free
Contact Current Rating:	8A at 250 VAC, 8A at 24 VDC
Mechanical Operation:	18,000/hr
Electrical Operation:	1,800/hr
Dielectric Strength between Contacts:	1,000 VAC, 50/60Hz. 1min.

Termination Data

Terminal Type:	Screw Terminal
Cross-Section:	2.5mm ²
Rated Voltage:	250V

Relay Data

Relay Make:	Omron, G2RL Series or Equivalent
Contact type:	2 Change Over

General Data

Ambient Temperature:	0°C to +60°C
Mounting:	Din Rail Mountable
Available in (No. of Channels):	2,4,8,16

Inductive Proximity Switch

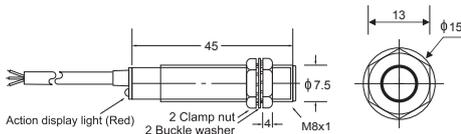
Model Definition

Reva Electronics	Type	Size	Measuring Distance	Operating Voltage Range	Output mode	Status
RE	I: Inductive C: Capacitive	8: M8 12: M12 18: M18 24: M24 30: M30	1.5: 1.5mm 2: 2mm 4: 4mm 5: 5mm 6: 6mm 8: 8mm 10: 10mm 15: 15mm 18: 18mm 24: 24mm 30: 30mm	D: 6-36VDC A: 90-250VAC	A: NPN B: PNP C: DC D: AC	O: NO C: NC OC: NO + NC



Inductive Proximity Switch

M8, 1.5mm, 3 Wire & 4 Wire, NPN / PNP



NPN

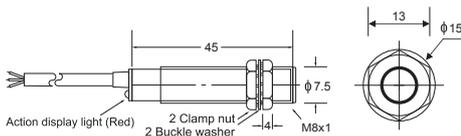
NO: RE-I-8-1.5-DAO
 NC: RE-I-8-1.5-DAC
 NO + NC: RE-I-8-1.5-DAOC

PNP

NO: RE-I-8-1.5-DBO
 NC: RE-I-8-1.5-DBC
 NO + NC: RE-I-8-1.5-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
1.5mm ± 10%	Iron 8X8X1 mm ³	500Hz	-30°C to +65°C	IP67

M8, 1.5mm, 2 Wire, DC / AC



DC

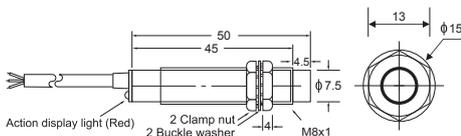
NO: RE-I-8-1.5-DCO
 NC: RE-I-8-1.5-DCC

AC

NO: RE-I-8-1.5-ADO
 NC: RE-I-8-1.5-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
1.5mm ± 10%	Iron 8X8X1 mm ³	DC: 500Hz AC: 25Hz	-30°C to +65°C	IP67

M8, 2mm, 3 Wire & 4 Wire, NPN / PNP



NPN

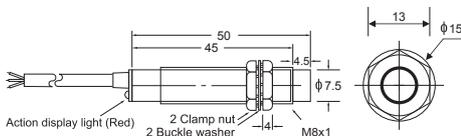
NO: RE-I-8-2-DAO
 NC: RE-I-8-2-DAC
 NO + NC: RE-I-8-2-DAOC

PNP

NO: RE-I-8-2-DBO
 NC: RE-I-8-2-DBC
 NO + NC: RE-I-8-2-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
2mm ± 10%	Iron 8X8X1 mm ³	500Hz	-30°C to +65°C	IP67

M8, 2mm, 2 Wire, DC / AC



DC

NO: RE-I-8-2-DCO
 NC: RE-I-8-2-DCC

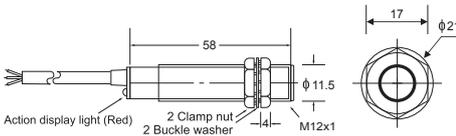
AC

NO: RE-I-8-2-ADO
 NC: RE-I-8-2-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
2mm ± 10%	Iron 8X8X1 mm ³	DC: 500Hz AC: 25Hz	-30°C to +65°C	IP67

Inductive Proximity Switch

M12, 2mm, 3 Wire & 4 Wire, NPN / PNP



NPN

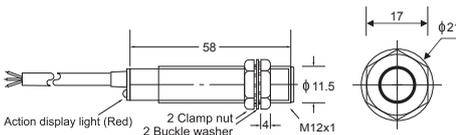
NO: RE-I-12-2-DAO
 NC: RE-I-12-2-DAC
 NO + NC: RE-I-12-2-DAOC

PNP

NO: RE-I-12-2-DBO
 NC: RE-I-12-2-DBC
 NO + NC: RE-I-12-2-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
2mm ± 10%	Iron 12X12X1 mm ³	400Hz	-30°C to +65°C	IP67

M12, 2mm, 2 Wire, DC / AC



DC

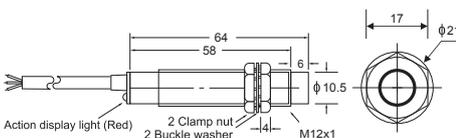
NO: RE-I-12-2-DCO
 NC: RE-I-12-2-DCC

AC

NO: RE-I-12-2-ADO
 NC: RE-I-12-2-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
2mm ± 10%	Iron 12X12X1 mm ³	DC: 400Hz AC: 50Hz	-30°C to +65°C	IP67

M12, 4mm, 3Wire & 4 Wire, NPN / PNP



NPN

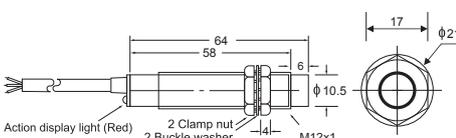
NO: RE-I-12-4-DAO
 NC: RE-I-12-4-DAC
 NO + NC: RE-I-12-4-DAOC

PNP

NO: RE-I-12-4-DBO
 NC: RE-I-12-4-DBC
 NO + NC: RE-I-12-4-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
4mm ± 10%	Iron 12X12X1 mm ³	400Hz	-30°C to +65°C	IP67

M12, 4mm, 2 Wire, DC / AC



DC

NO: RE-I-12-4-DCO
 NC: RE-I-12-4-DCC

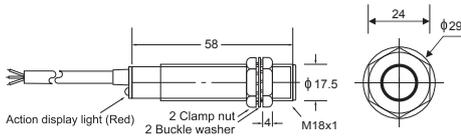
AC

NO: RE-I-12-4-ADO
 NC: RE-I-12-4-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
4mm ± 10%	Iron 12X25X1 mm ³	DC: 400Hz AC: 25Hz	-30°C to +65°C	IP67

Inductive Proximity Switch

M18, 5mm, 3 Wire & 4Wire, NPN / PNP



NPN

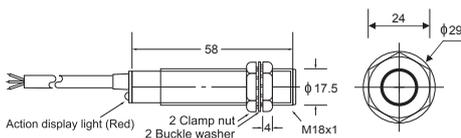
NO: RE-I-18-5-DAO
 NC: RE-I-18-5-DAC
 NO + NC: RE-I-18-5-DAOC

PNP

NO: RE-I-18-5-DBO
 NC: RE-I-18-5-DBC
 NO + NC: RE-I-18-5-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

M18, 5mm, 2Wire, DC / AC



DC

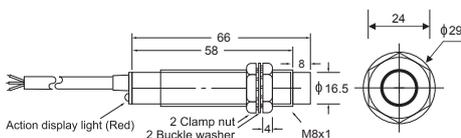
NO: RE-I-18-5-DCO
 NC: RE-I-18-5-DCC

AC

NO: RE-I-18-5-ADO
 NC: RE-I-18-5-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	DC: 200Hz AC: 50Hz	-30°C to +65°C	IP67

M18, 8mm, 3Wire & 4 Wire, NPN / PNP



NPN

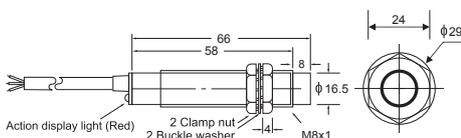
NO: RE-I-18-8-DAO
 NC: RE-I-18-8-DAC
 NO + NC: RE-I-18-8-DAOC

PNP

NO: RE-I-18-8-DBO
 NC: RE-I-18-8-DBC
 NO + NC: RE-I-18-8-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
8mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

M18, 8mm, 2 Wire, DC / AC



DC

NO: RE-I-18-8-DCO
 NC: RE-I-18-8-DCC

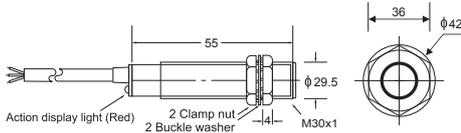
AC

NO: RE-I-18-8-ADO
 NC: RE-I-18-8-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
8mm ± 10%	Iron 18X18X1 mm ³	DC: 200Hz AC: 25Hz	-30°C to +65°C	IP67

Inductive Proximity Switch

M30, 10mm, 3 Wire & 4 Wire, NPN / PNP



NPN

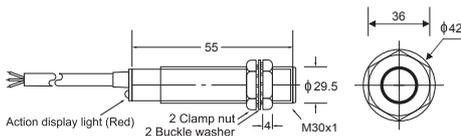
NO: RE-I-30-10-DAO
 NC: RE-I-30-10-DAC
 NO + NC: RE-I-30-10-DAOC

PNP

NO: RE-I-30-10-DBO
 NC: RE-I-30-10-DBC
 NO + NC: RE-I-30-10-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
10mm ± 10%	Iron 30X30X1 mm ³	200Hz	-30°C to +65°C	IP67

M30, 10mm, 2 Wire, DC / AC



DC

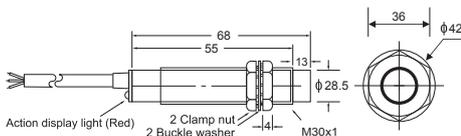
NO: RE-I-30-10-DCO
 NC: RE-I-30-10-DCC

AC

NO: RE-I-30-10-ADO
 NC: RE-I-30-10-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
10mm ± 10%	Iron 30X30X1 mm ³	DC: 200Hz AC: 50Hz	-30°C to +65°C	IP67

M30, 15mm, 3 Wire & 4 Wire, NPN / PNP



NPN

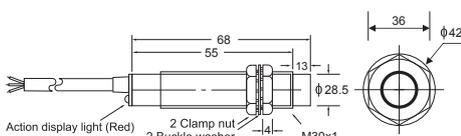
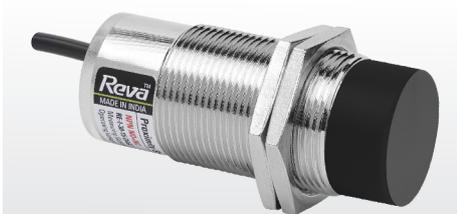
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 NC: RE-I-30-15-DAC
 NO + NC: RE-I-30-15-DAOC

PNP

NO: RE-I-30-15-DBO
 NC: RE-I-30-15-DBC
 NO + NC: RE-I-30-15-DBOC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
15mm ± 10%	Iron 30X30X1 mm ³	200Hz	-30°C to +65°C	IP67

M30, 15mm, 2 Wire, DC / AC



DC

NO: RE-I-30-15-DCO
 NC: RE-I-30-15-DCC

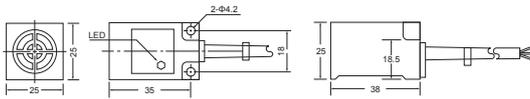
AC

NO: RE-I-30-15-ADO
 NC: RE-I-30-15-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
15mm ± 10%	Iron 30X30X1 mm ³	DC: 200Hz AC: 25Hz	-30°C to +65°C	IP67

Inductive Proximity Switch

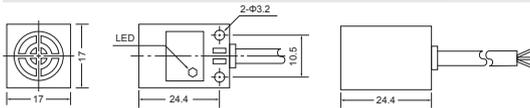
B1 Box Type, 10mm NPN / PNP



NPN	PNP
NO: RE-I-B1-10-DAO NC: RE-I-B1-10-DAC	NO: RE-I-B1-10-DBO NC: RE-I-B1-10-DBC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
10mm ± 10%	Iron 45X45X1 mm ³	200Hz	-30°C to +65°C	IP67

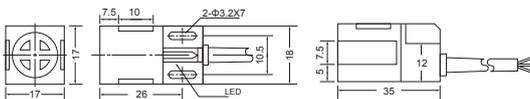
B1S Box Type, 5mm NPN / PNP



NPN	PNP
NO: RE-I-B1S-5-DAO NC: RE-I-B1S-5-DAC	NO: RE-I-B1S-5-DBO NC: RE-I-B1S-5-DBC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

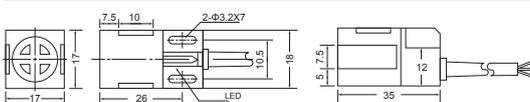
B2 Box Type, 5mm, PNP



PNP
NO: RE-I-B2-5-DBO NC: RE-I-B2-5-DBC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

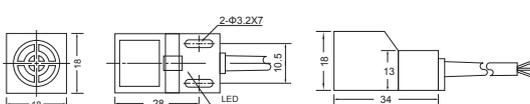
B2 Box Type, 5mm, NPN



NPN	PNP
NO: RE-I-B2-5-DAO NC: RE-I-B2-5-DAC	NO: RE-I-B2-5-DBO NC: RE-I-B2-5-DBC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

B3 Box Type, 5mm, NPN, PNP

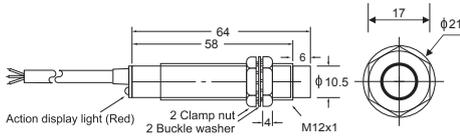


NPN	PNP
NO: RE-I-B3-5-DAO NC: RE-I-B3-5-DAC	NO: RE-I-B3-5-DBO NC: RE-I-B3-5-DBC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
5mm ± 10%	Iron 18X18X1 mm ³	200Hz	-30°C to +65°C	IP67

Capacitive Proximity Switch

M12, 4mm, NPN / PNP / AC



NPN

NO+NC: RE-C-12-4-DAOC

PNP

NO+NC: RE-C-12-4-DBOC

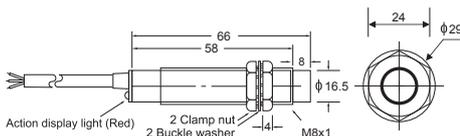
AC

NO: RE-C-12-4-ADO

NC: RE-C-12-4-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
2mm ± 10%	Conductor and dielectric body	DC: 50Hz AC: 10Hz	-30°C to +65°C	IP54

M18, 8mm, NPN / PNP / AC



NPN

NO+NC: RE-C-18-8-DAOC

PNP

NO+NC: RE-C-18-8-DBOC

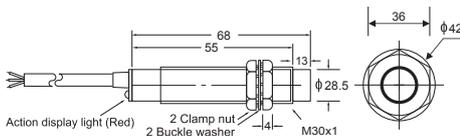
AC

NO: RE-C-18-8-ADO

NC: RE-C-18-8-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
8mm ± 10%	Conductor and dielectric body	DC: 50Hz AC: 10Hz	-30°C to +65°C	IP54

M30, 15mm, NPN / PNP / AC



NPN

NO+NC: RE-C-30-15-DAOC

PNP

NO+NC: RE-C-30-15-DBOC

AC

NO: RE-C-30-15-ADO

NC: RE-C-30-15-ADC

Detection Distance	Std. Detection Object	Response Frequency	Temp. Range	Protection Rating
15mm ± 10%	Conductor and dielectric body	DC: 50Hz AC: 10Hz	-30°C to +65°C	IP54



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