AGA Series Control Stations (Single Column)

IP65 Waterproof Aluminum Control Stations for ø30 mm Switches/Pilot Lights

Various control stations are available from one to five holes with most widely used combinations of switches/pilot lights (contact configurations, voltage, button colors, and nameplates).

- Versatile combinations of switches/pilot lights are possible. Select from a wide variety of 30 mm (1-13/64 inch) dia. switches/pilot lights as required.
- In addition to standard depth enclosures, deep enclosures are also available for mounting illuminated pushbuttons which require a large depth behind the mounting surface.
- (See page 4 for more details).

Specifications

Degree of Protection (*1)	IP65 (IEC60529) (Key selector switch: Splash-proof IP54)
Material (Enclosure)	Aluminum alloy die-cast
Coating Color (Powder coating)	Yellow semi-gloss (Munsell 5Y7/1, outside only)
Rated Insulation Voltage	600V (Buzzer: 250V)
Insulation Resistance	5 MΩ minimum
Dielectric Strength (*2)	Between live and dead parts: 2500V AC, 1 minute
Standard Operating Conditions (*3)	Ambient temperature: –25 to +50°C (no freezing) Relative humidity: 45 to 85% (no condensation)
Enclosure Style	Wall mount (1 to 5 holes) Pole mount (1 to 5 holes)
Cable Lead-in Hole (Wall Mount)	Entrance hub (Gland hub also available) 1 to 3 holes: HNA22 G3/4 (22 mm) 4 or 5 holes: HNA33 G1 (28 mm) (Standard control stations)
Applicable Switches/ Pilot Lights	IDEC ø30 mm TWN/TWND series AZ buzzer and AM ammeter (except enclosed type units)

*1) The degree of protection depends on the switches/pilot lights mounted on the enclosure.
*2) AM ammeter/buzzer: 2000V AC, 1 minute
*3) Buzzer: –10 to +40°C

Contact Ratings (Contact Block)

Contact Block	Rated Insulation Voltage	600V
	Rated Thermal Current	10A
	Contact Ratings by Utilization Category IEC60947-5-1	AC-15 (A600) DC-13

Operational Voltage and Current by Utilization Category

Operational Voltage			24V	48V	50V	110V	220V	440V
Operational Current	AC (50/60Hz)	AC-12 Control of resistive loads and solid state loads	10A	—	10A	10A	6A	2A
		AC-15 Control of electromagnetic loads (>72VA)	10A	—	7A	5A	3A	1A
	DC	DC-12 Control of resistive loads and solid state loads	10A	5A	—	2.2A	1.1A	—
		DC-13 Control of electromagnets	5A	2A	—	1.1A	0.6A	—

Common

Minimum applicable load (reference) = 3V AC/DC, 5mA (the applicable range is subject to change according to the operating conditions)

Switch/Pilot Light Mounting Holes

The holes for mounting switches/pilot lights are 30.5 mm in diameter with an anti-rotation notch. Mounting centers are 50 mm.

Waterproof Bushing

Four plastic bushings are provided inside the corners for mounting screws to secure the control station on a panel surface.

Lead-in Fittings (Wall Mount)

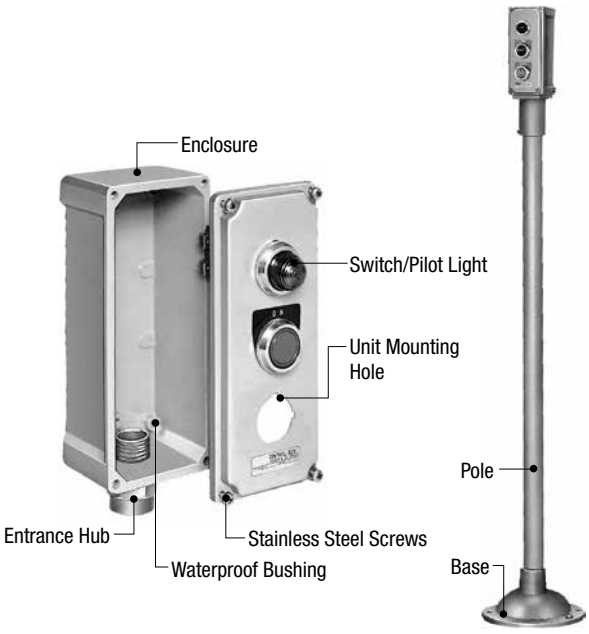
An entrance hub made of aluminum is supplied for connecting a steel conduit to lead in cables.

1 to 3 holes: With HNA22 G3/4 for 22 mm conduit
4 or 5 holes: With HNA33 G1 for 28 mm conduit

HNAG gland hubs for leading in cables are also available.
Lead-in fitting cannot be removed.

Stand Pole (Pole Mount)

The pole is made of carbon steel pipe, and the stand base is made of cast iron. The coating color is the same as the enclosure, yellow (semi-gloss).



Control Stations with Switches/Pilot Lights

Control boxes are available with a selected combination of switches/pilot lights as listed below. For the dimensions and mounting centers, see the figures on pages 4 and 5.

Switches/Pilot Lights Mounted on Standard Control Stations

Switch/Pilot Light	Part No.	Specifications
Pushbutton (PB)	**ABN110** *	Flush, 1NO
	ABN101R	Flush, 1NC
	ABN111 *	Flush, 1NO-1NC
	ABN311R	ø40 mushroom, 1NO-1NC
Pilot Light (PL) (LED)	**APN116DN** *	Dome, 100/110V AC
	APN126DN *	Dome, 200/220V AC
Selector Switch (SS)	**ASN211N**	Knob, 2-position, 1NO-1NC
	ASN320N	Knob, 3-position, 2NO
	ASN2K11N-N024401	Key, 2-position, 1NO-1NC
Buzzer (SS)	**AZ11N**	110V AC
	AZ12N	220V AC
Meter (A)	**AM ammeter**	Round metal Specify capacity (Part No.)
	AM2B ammeter	Square plastic Specify capacity (Part No.)

Note: Specify a button or lens color code in place of *:
Pushbutton: B (black), G (green)
Pilot Light: G (green), R (red)

Capacity and Part No. of Ammeters

	Capacity	Part No.		Remarks
		AM	AM2B	
Ammeter	5A	AM21B	AM2B-AA5A0-5-15AB	• Use a current transformer on ammeters of 30A rating or more.
	10A	AM22B	AM2B-AA10A0-10-30AB	
	15A	AM23B	AM2B-AA15A0-15-45AB	
	30/5A	AM24CB	AM2B-AA5A0-30-90A30/5AB	
	60/5A	AM25CB	AM2B-AA5A0-60-180A60/5AB	
	100/5A	AM26CB	AM2B-AA5A0-100-300A100/5AB	
	150/5A	AM27CB	AM2B-AA5A0-150-450A150/5AB	
	200/5A	AM28CB	AM2B-AA5A0-200-600A200/5AB	
	300/5A	AM29CB	AM2B-AA5A0-300-900A300/5AB	

Note 1: When ordering, specify the Part No.
Note 2: The dial for the AM series has a double-expanded scale, the dial for AM2B is triple-expanded scale. For double-, triple-expanded scale, direct measuring/for 1A, and other special specifications, contact IDEC.

Package Quantity: 1

Control Station		Mounted Switches/Pilot Lights		
Style	Part No.	Symbol	Part No.	NA Nameplate Legend
Wall Mount 1 hole	AGA1101Y *	(PB)	**ABN110** *	ON
	AGA1102Y	(PB)	**ABN311R**	OFF
	AGA1103Y	(PL)	**APN116DNR**	Without nameplate
	AGA1104Y	(PL)	**APN126DNR**	Without nameplate
	AGA1105Y	(SS)	**ASN211N**	HAND-AUTO
	AGA1106Y	(SS)	**ASN320N**	HAND-OFF-AUTO
	AGA1107Y	(SS)	**ASN2K11N-N024401**	OFF-ON
	AGA1108Y	(BZ)	**AZ11N**	Without nameplate
	AGA1109Y	(BZ)	**AZ12N**	Without nameplate
Pole Mount 1 hole	AGA1101SY *	(PB)	**ABN110** *	ON
	AGA1102SY	(PB)	**ABN311R**	OFF
Wall Mount 2 holes	AGA2101Y *	(PB) (PB)	**ABN110** * **ABN101R**	ON OFF
	AGA2102Y *	(PB) (PB)	**ABN111** * **ABN111R**	ON OFF
	AGA2103Y	(PL) (PL)	**APN116DNR** **APN116DNG**	Without nameplate
	AGA2104Y	(PL) (PL)	**APN126DNR** **APN126DNG**	Without nameplate
	AGA2105Y *	(PL) (PB)	**APN116DNR** **ABN111** *	Without nameplate STOP
	AGA2106Y *	(PL) (PB)	**APN126DNR** **ABN111** *	Without nameplate STOP
	AGA2107Y	(PL) (SS)	**APN116DNR** **ASN211N**	Without nameplate HAND-AUTO
	AGA2108Y	(PL) (SS)	**APN126DNR** **ASN211N**	Without nameplate HAND-AUTO
	AGA2110Y	(PL) (SS)	**APN126DNR** **ASN2K11N-N024401**	Without nameplate OFF-ON
	AGA2113Y *	(PB) (PB)	**ABN110** * **ABN311R**	ON OFF
	AGA2116Y *	(BZ) (PB)	**AZ11N** **ABN111** *	Without nameplate
	AGA2117Y *	(BZ) (PB)	**AZ12N** **ABN111** *	Without nameplate
	AGA2118Y	(BZ) (PL)	**AZ11N** **APN116DNR**	Without nameplate
	AGA2119Y	(BZ) (PL)	**AZ12N** **APN126DNR**	Without nameplate

Specify a button color code in place of * : B (black), G (green)

Control Station		Mounted Switches/Pilot Lights		
Style	Part No.	Symbol	Part No.	NA Nameplate Legend
Pole Mount 2 holes	AGA2101SY ∗	PB PB	**ABN110 ∗** **ABN101R**	ON OFF
	AGA2107SY	PL SS	**APN116DNR** **ASN211N**	Without nameplate HAND-AUTO
Wall Mount 3 holes	AGA3102Y ∗	PL PB PB	**APN116DNR** **ABN110 ∗** **ABN101R**	Without nameplate ON OFF
	AGA3103Y ∗	PL PB PB	**APN126DNR** **ABN110 ∗** **ABN101R**	Without nameplate ON OFF
	AGA3104Y ∗	PB PB SS	**ABN111 ∗** **ABN111R** **ASN211N**	ON OFF HAND-AUTO
Pole Mount 3 holes	AGA3102SY ∗	PL PB PB	**APN116DNR** **ABN110 ∗** **ABN101R**	Without nameplate ON OFF
	AGA3104SY ∗	PB PB SS	**ABN111 ∗** **ABN111R** **ASN211N**	ON OFF HAND-AUTO

Specify a button color code in place of ∗ : B (black), G (green)

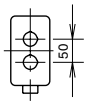
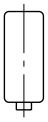
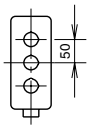
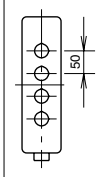
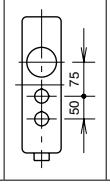
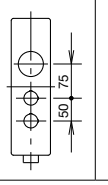
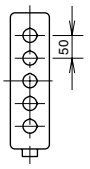
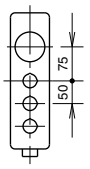
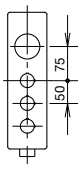
Control Station		Mounted Switches/Pilot Lights		
Style	Part No.	Symbol	Part No.	NA Nameplate Legend
Wall · Pole 4 holes	Wall Mount AGA4101Y ∗ Pole Mount AGA4101SY ∗	PL PL PB PB	**APN126DNR** **APN126DNG** **ABN111 ∗** **ABN111R**	Without nameplate Without nameplate ON OFF
	Wall Mount AGAM4101Y ∗ Pole Mount AGAM4101SY ∗	A PB PB	(*1) **AM ammeter** **ABN111 ∗** **ABN111R**	Without nameplate ON OFF
	Wall Mount AGAM4102Y ∗ Pole Mount AGAM4102SY ∗	A PB PB	(*1) **AM2B ammeter** **ABN111 ∗** **ABN111R**	Without nameplate ON OFF
	Wall Mount AGA4102Y ∗ Pole Mount AGA4102SY ∗	PL PB PB SS	**APN126DNR** **ABN111 ∗** **ABN111R** **ASN211N**	Without nameplate ON OFF HAND-AUTO
Wall · Pole 5 holes	Wall Mount AGA5101Y ∗ Pole Mount AGA5101SY ∗	PL PL PB PB SS	**APN126DNR** **APN126DNG** **ABN111 ∗** **ABN111R** **ASN211N**	Without nameplate Without nameplate ON OFF HAND-AUTO
	Wall Mount AGAM5101Y ∗ Pole Mount AGAM5101SY ∗	A PL PB PB	(*1) **AM ammeter** **APN126DNR** **ABN111 ∗** **ABN111R**	Without nameplate Without nameplate ON OFF
	Wall Mount AGAM5102Y ∗ Pole Mount AGAM5102SY ∗	A PL PB PB	(*1) **AM2B ammeter** **APN126DNR** **ABN111 ∗** **ABN111R**	Without nameplate Without nameplate ON OFF

*1) Specify the Part No. of the meter to select a required capacity.

Specify a button color code in place of ∗ : B (black), G (green)

Empty Enclosures

Package Quantity: 1

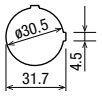
Style		1 or 2 holes			3 holes		4 or 5 holes						
Part No.	①	AGA210Y	AGA211Y	AGA212Y	AGA310Y	AGA311Y	AGA411Y	AGA412Y	AGA413Y	AGA510Y	AGA511Y	AGA512Y	AGA513Y
	②	AGA210DY	AGA211DY	AGA212DY	AGA310DY	AGA311DY	AGA411DY	AGA412DY	AGA413DY	AGA510DY	AGA511DY	AGA512DY	AGA513DY
	③	AGA210HLY	AGA211HLY	AGA212HLY	AGA310HLY	AGA311HLY	AGA411HLY	AGA412HLY	AGA413HLY	AGA510HLY	AGA511HLY	AGA512HLY	AGA513HLY
Shape													
Weight (Approx.)		① 0.6 kg ② 1.0 kg ③ 0.5 kg			① 0.7 kg ②1.2 kg ③0.6 kg		① 0.9 kg ② 1.4 kg ③ 0.8 kg						

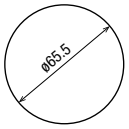
① : Standard depth enclosure with an entrance hub
1 to 3 holes: With HNA22 G3/4 entrance hub for 22 mm conduit
4 or 5 holes: With HNA33 G1 entrance hub for 28 mmm conduit

② : Deep enclosure with an entrance hub
1 or 2 holes: With HNA22 G3/4 entrance hub for 22 mmm conduit
3 to 5 holes: With HNA33 G1 entrance hub for 28 mmm conduit

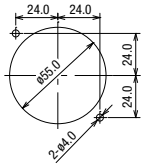
③ : Standard depth enclosure without an entrance hub
1 to 3 holes: With a threaded hole G3/4 (22 mm) at the bottom
4 or 5 holes: With a threaded hole G1 (28 mm) at the bottom

• Switch/Pilot Light Mounting Holes





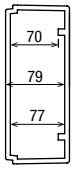
(AM Meter Mounting Hole)



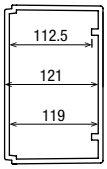
(AM2B Meter Mounting Hole)

All dimensions in mm.

• Effective Depth inside the Enclosure



Standard depth enclosure



Deep enclosure

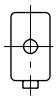
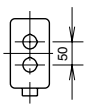
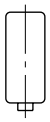
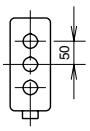
In addition to the enclosures shown above, enclosures with a shade and pole mount enclosures are also available. See the list below and page 5.

• Entrance hubs for ① and ② cannot be removed. For models without entrance hubs, see ③.

• AGA412∗ or AGA512∗ is for AM meters. AGA413∗ or AGA513∗ is for AM2B meters.

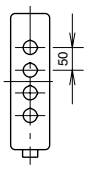
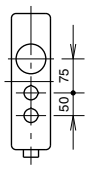
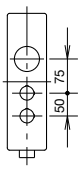
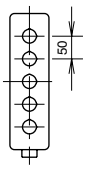
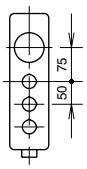
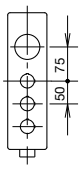
Other Models (For 1, 2 or 3 holes)

Package Quantity: 1

Style		Hub	Shade	Pole	1 or 2 holes			3 holes	
Part No.	Standard depth enclosure	X	X		AGA210KY	AGA211KY	AGA212KY	AGA310KY	AGA311KY
				X	AGA210SY	AGA211SY	AGA212SY	AGA310SY	AGA311SY
			X	X	AGA210KSY	AGA211KSY	AGA212KSY	AGA310KSY	AGA311KSY
			X		AGA210KHLY	AGA211KHLY	AGA212KHLY	AGA310KHLY	AGA311KHLY
	Deep enclosure	X	X		AGA210DKY	AGA211DKY	AGA212DKY	AGA310DKY	AGA311DKY
				X	AGA210DSY	AGA211DSY	AGA212DSY	AGA310DSY	AGA311DSY
			X	X	AGA210DKSY	AGA211DKSY	AGA212DKSY	AGA310DKSY	AGA311DKSY
Shape									
Weight (Approx.)	Standard depth enclosure	With a shade			0.85 kg	0.85 kg	0.85 kg	0.95 kg	0.95 kg
		Pole mount			6.1 kg	6.1 kg	6.1 kg	6.2 kg	6.2 kg
		Pole mount with a shade			6.4 kg	6.4 kg	6.4 kg	6.5 kg	6.5 kg
		With a shade (without a hub)			0.75 kg	0.75 kg	0.75 kg	0.85 kg	0.85 kg
	Deep enclosure	With a shade			1.25 kg	1.25 kg	1.25 kg	1.45 kg	1.45 kg
		Pole mount			6.75 kg	6.75 kg	6.75 kg	6.95 kg	6.95 kg
		Pole mount with a shade			7.0 kg	7.0 kg	7.0 kg	7.1 kg	7.1 kg

Other Models (For 4 or 5 holes)

Package Quantity : 1

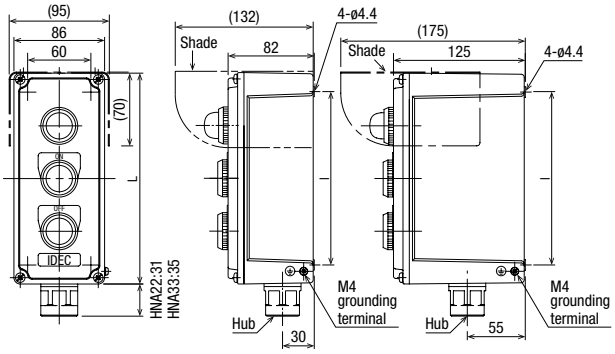
Style		Hub	Shade	Pole	4 or 5 holes						
Part No.	Standard depth enclosure	X	X		AGA411KY	AGA412KY	AGA413KY	AGA510KY	AGA511KY	AGA512KY	AGA513KY
				X	AGA411SY	AGA412SY	AGA413SY	AGA510SY	AGA511SY	AGA512SY	AGA513SY
			X	X	AGA411KSY	AGA412KSY	AGA413KSY	AGA510KSY	AGA511KSY	AGA512KSY	AGA513KSY
			X		AGA411KHLY	AGA412KHLY	AGA413KHLY	AGA510KHLY	AGA511KHLY	AGA512KHLY	AGA513KHLY
	Deep enclosure	X	X		AGA411DKY	AGA412DKY	AGA413DKY	AGA510DKY	AGA511DKY	AGA512DKY	AGA513DKY
				X	AGA411DSY	—	—	AGA510DSY	AGA511DSY	AGA512DSY	AGA513DSY
			X	X	AGA411DKSY	—	—	AGA510DKSY	AGA511DKSY	AGA512DKSY	AGA513DKSY
Shape											
Weight (Approx.)	Standard depth enclosure	With a shade			1.15 kg	1.15 kg	1.15 kg	1.15 kg	1.15 kg	1.15 kg	1.15 kg
		Pole mount			6.4 kg	6.4 kg	6.4 kg	6.4 kg	6.4 kg	6.4 kg	6.4 kg
		Pole mount with a shade			6.65 kg	6.65 kg	6.65 kg	6.65 kg	6.65 kg	6.65 kg	6.65 kg
		With a shade (without a hub)			1.05 kg	1.05 kg	1.05 kg	1.05 kg	1.05 kg	1.05 kg	1.05 kg
	Deep enclosure	With a shade			1.65 kg	1.65 kg	1.65 kg	1.65 kg	1.65 kg	1.65 kg	1.65 kg
		Pole mount			6.9 kg	—	—	6.9 kg	6.9 kg	6.9 kg	6.9 kg
		Pole mount with a shade			7.15 kg	—	—	7.15 kg	7.15 kg	7.15 kg	7.15 kg

- For details about enclosures without switches/pilot lights, see page 4.
- The enclosure for pole mount cannot be purchased individually.
- AGA412∗ or AGA512∗ is for AM meters. AGA413∗ or AGA513∗ is for AM2B meters.

Dimensions

All dimensions in mm.

AGA Control Station (Wall Mount)



Dimensions in ( ) for a control box with a shade.

	1 hole	2 holes	3 holes	4 holes	5 holes
L	150		200	300	
l	114		164	264	
Weight (Approx.)	0.6 kg		0.7 kg	0.9 kg	

Entrance Hub (Supplied)

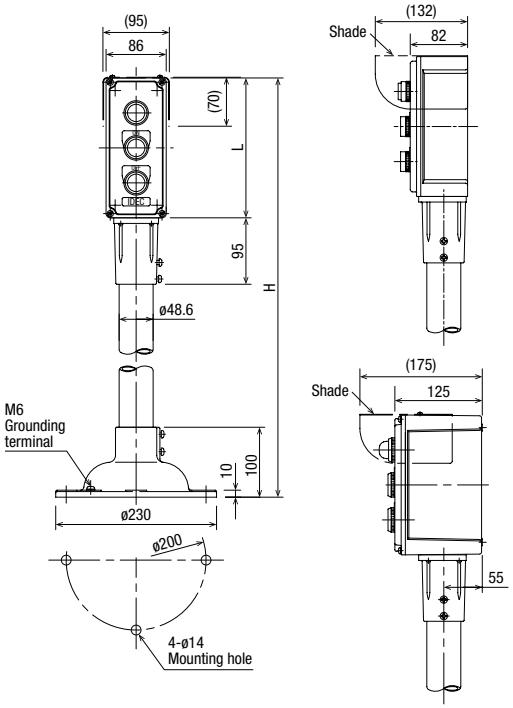
(Standard depth enclosures)
1 to 3 holes: With HNA22 G3/4 for 22 mm conduit
4 or 5 holes: With HNA33 G1 for 28 mm conduit

(Deep enclosures with an entrance hub)
1 or 2 holes: With HNA22 G3/4 for 22 mm conduit
3 to 5 holes: With HNA33 G1 for 28 mm conduit

Gland hubs for leading in cables are also available.

Part No.	Applicable Cable Diameter (R)
HNG21	8, 10, 12
HNAG22	13, 15, 17
HNAG33	18, 20, 22

AGA Control Station (Pole Mount)

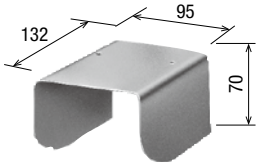
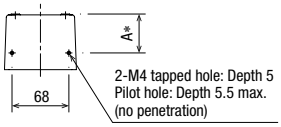
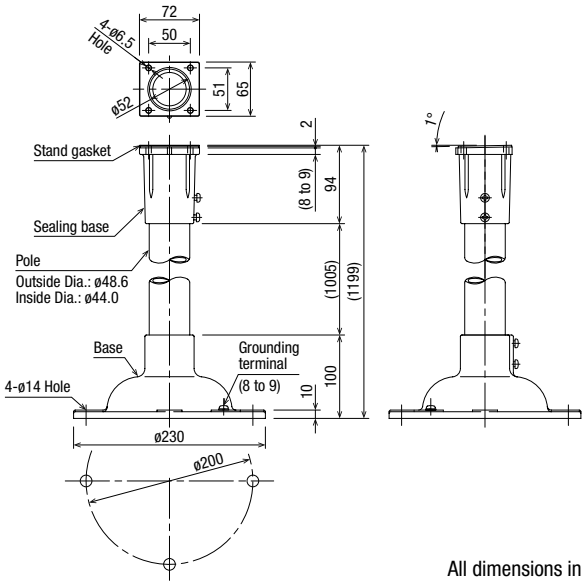


Dimensions in ( ) for a control box with a shade.

	1 hole	2 holes	3 holes	4 holes	5 holes
H	1350		1400	1500	
L	150		200	300	
Weight (Approx.)	6.1 kg		6.2 kg	6.4 kg	

Accessory (Options)

Package Quantity: 1

Name & Shape	Part No.	Description & Dimensions
Enclosure Shade  Material: Carbon steel plate Thickness: 1 mm Weight: Approx. 0.25 kg Coating: Melamine coating	AGZ-S1Y	• Protection for switches/pilot lights against direct sunlight and falling objects. • Color: Yellow semi-gloss (Munsell 5Y7/1) • Shade mounting hole  * Dimension A AGA210, 310, 510: 46.5 mm AGA210D, 310D, 510D: 90 mm
Stand Pole Weight: Approx. 5.6 kg Coating: Melamine coating	AGZ-S205	• For replacement of the stand pole. • Color: Yellow semi-gloss (Munsell 5Y7/1)  All dimensions in mm.

Instructions

Precautions for Mounting on Panel (Wall)

1. Insert M4 screws into the waterproof bushings at all four corners inside the box. Push the screws with a screwdriver and penetrate the bushings (Figure 1).
2. Thrust the screws into panel holes and secure the screws with nuts (Figure 2). Waterproof characteristics are not affected by piecing the bushings with screws.

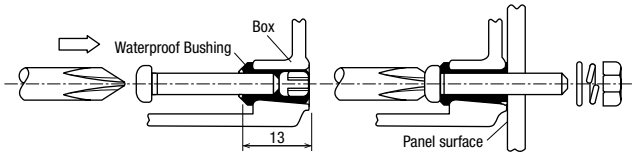


Figure 1

Figure 2

Ordering Information

When ordering control stations with switches/pilot lights:

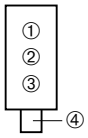
Specify the Part No. of the control station.

When ordering enclosures without switches/pilot lights:

Specify the following items.

1. Part No. of the enclosure
2. Part No. and specifications of the switches/pilot lights to be mounted (lens color, button color, etc.)
3. Nameplate
4. Lead-in fitting
   Only when ordering the gland hub for lead in cables, specify the Part No. and the cable outside diameter (R).
5. Other specifications

Ordering Example



Part No. of Enclosure		AGA311Y
Switch/Pilot Light and Nameplate	①	APN126DNR
	②	ABN210B, with NA-1
	③	ABN201R, with NA-2
Lead-in Fitting	④	HNAG22 R15

Note: Any ø30 mm TWN/TWND series switches/pilot lights are selectable. Take into consideration the degree of protection of the switches/pilot lights and the effective depth of the enclosure.

Ordering Terms and Conditions

Thank you for using IDEC Products.

By purchasing products listed in our catalogs, datasheets, and the like (hereinafter referred to as "Catalogs") you agree to be bound by these terms and conditions. Please read and agree to the terms and conditions before placing your order.

1. Notes on contents of Catalogs

(1) Rated values, performance values, and specification values of IDEC products listed in this Catalog are values acquired under respective conditions in independent testing, and do not guarantee values gained in combined conditions.
Also, durability varies depending on the usage environment and usage conditions.

(2) Reference data and reference values listed in Catalogs are for reference purposes only, and do not guarantee that the product will always operate appropriately in that range.

(3) The specifications / appearance and accessories of IDEC products listed in Catalogs are subject to change or termination of sales without notice, for improvement or other reasons.

(4) The content of Catalogs is subject to change without notice.

2. Note on applications

(1) If using IDEC products in combination with other products, confirm the applicable laws / regulations and standards.
Also, confirm that IDEC products are compatible with your systems, machines, devices, and the like by using under the actual conditions. IDEC shall bear no liability whatsoever regarding the compatibility with IDEC products.

(2) The usage examples and application examples listed in Catalogs are for reference purposes only. Therefore, when introducing a product, confirm the performance and safety of the instruments, devices, and the like before use. Furthermore, regarding these examples, IDEC does not grant license to use IDEC products to you, and IDEC offers no warranties regarding the ownership of intellectual property rights or non-infringement upon the intellectual property rights of third parties.

(3) When using IDEC products, be cautious when implementing the following.

i. Use of IDEC products with sufficient allowance for rating and performance

ii. Safety design, including redundant design and malfunction prevention design that prevents other danger and damage even in the event that an IDEC product fails

iii. Wiring and installation that ensures the IDEC product used in your system, machine, device, or the like can perform and function according to its specifications

(4) Continuing to use an IDEC product even after the performance has deteriorated can result in abnormal heat, smoke, fires, and the like due to insulation deterioration or the like. Perform periodic maintenance for IDEC products and the systems, machines, devices, and the like in which they are used.

(5) IDEC products are developed and manufactured as general-purpose products for general industrial products. They are not intended for use in the following applications, and in the event that you use an IDEC product for these applications, unless otherwise agreed upon between you and IDEC, IDEC shall provide no guarantees whatsoever regarding IDEC products.

i. Use in applications that require a high degree of safety, including nuclear power control equipment, transportation equipment (railroads / airplanes / ships / vehicles / vehicle instruments, etc.), equipment for use in outer space, elevating equipment, medical instruments, safety devices, or any other equipment, instruments, or the like that could endanger life or human health

ii. Use in applications that require a high degree of reliability, such as provision systems for gas / waterworks / electricity, etc., systems that operate continuously for 24 hours, and settlement systems

iii. Use in applications where the product may be handled or used deviating from the specifications or conditions / environment listed in the Catalogs, such as equipment used outdoors or applications in environments subject to chemical pollution or electromagnetic interference
If you would like to use IDEC products in the above applications, be sure to consult with an IDEC sales representative.

3. Inspections

We ask that you implement inspections for IDEC products you purchase without delay, as well as thoroughly keep in mind management/maintenance regarding handling of the product before and during the inspection.

4. Warranty

(1) Warranty period

The warranty period for IDEC products shall be one (1) year after purchase or delivery to the specified location. However, this shall not apply in cases where there is a different specification in the Catalogs or there is another agreement in place between you and IDEC.

(2) Warranty scope

Should a failure occur in an IDEC product during the above warranty period for reasons attributable to IDEC, then IDEC shall replace or repair that product, free of charge, at the purchase location / delivery location of the product, or an IDEC service base. However, failures caused by the following reasons shall be deemed outside the scope of this warranty.

i. The product was handled or used deviating from the conditions / environment listed in the Catalogs

ii. The failure was caused by reasons other than an IDEC product

iii. Modification or repair was performed by a party other than IDEC

iv. The failure was caused by a software program of a party other than IDEC

v. The product was used outside of its original purpose

vi. Replacement of maintenance parts, installation of accessories, or the like was not performed properly in accordance with the user's manual and Catalogs

vii. The failure could not have been predicted with the scientific and technical standards at the time when the product was shipped from IDEC

viii. The failure was due to other causes not attributable to IDEC (including cases of force majeure such as natural disasters and other disasters)

Furthermore, the warranty described here refers to a warranty on the IDEC product as a unit, and damages induced by the failure of an IDEC product are excluded from this warranty.

5. Limitation of liability

The warranty listed in this Agreement is the full and complete warranty for IDEC products, and IDEC shall bear no liability whatsoever regarding special damages, indirect damages, incidental damages, or passive damages that occurred due to an IDEC product.

6. Service scope

The prices of IDEC products do not include the cost of services, such as dispatching technicians. Therefore, separate fees are required in the following cases.

(1) Instructions for installation / adjustment and accompaniment at test operation (including creating application software and testing operation, etc.)

(2) Maintenance inspections, adjustments, and repairs

(3) Technical instructions and technical training

(4) Product tests or inspections specified by you

The above content assumes transactions and usage within your region. Please consult with an IDEC sales representative regarding transactions and usage outside of your region. Also, IDEC provides no guarantees whatsoever regarding IDEC products sold outside your region.

IDEC CORPORATION

Head Office 6-64, Nishi-Miyahara-2-Chome, Yodogawa-ku, Osaka 532-0004, Japan

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