

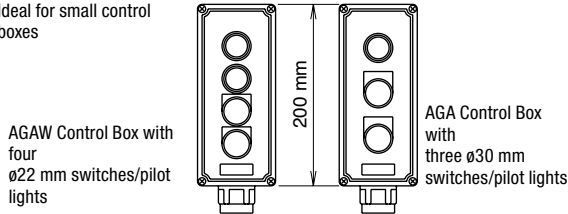
# AGNW Series Control Stations

## IP65 Waterproof Aluminum Control Stations for $\varnothing 22$ mm Switches/Pilot Lights

AGAW control stations are designed for mounting IDEC  $\varnothing 22$  mm (7/8 inch) switches/pilot lights.

- Various control stations are available from one to four holes with most widely used combinations of switches/pilot lights (contact configurations, voltage, button colors, and nameplates).
- Enclosures only are also available, in which specifically selected TW series can be installed.

Ideal for small control boxes



- HW series can also be installed.



## Specifications

Degree of Protection (Note)	IP65 (IEC60529) (Key selector switch: Splash-proof IP54)
Material (Box)	Aluminum alloy die-cast
Coating Color (Melamine coating)	Yellow semi-gloss (Munsell 5Y7/1, outside only)
Rated Insulation Voltage	600V
Insulation Resistance	5 M $\Omega$ minimum
Dielectric Strength	Between live and dead parts: 2500V AC, 1 minute
Standard Operating Conditions	Ambient temperature: -25 to +50°C (no freezing) Relative humidity: 45 to 85% (no condensation)
Style	Wall mount (1 to 4 holes) Pole mount (1 to 4 holes)
Cable Lead-in (Wall Mount)	Entrance hub 1 to 3 holes: HNA22 G3/4 (22 mm) 4 to 5 holes: HNA33 G1 (28 mm)
Applicable Switches/Pilot Lights	IDEC $\varnothing 22$ mm TW series

Note: The degree of protection depends on the switches/pilot lights mounted in the enclosure. When IP65 switches/pilot lights are mounted, the entire control station has IP65 characteristics. (See page 2)

## Contact Ratings (Contact Block)

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

## 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	8A	4A	—	2.2A	1.1A	—
	DC-13 Control of electromagnets	4A	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 22.2 mm in diameter with an anti-rotation notch.

Mounting centers are 50 mm on 2- and 3-hole enclosures, and 36 mm on 4-hole enclosures.

## 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 holes: With HNA33 G1 for 28 mm conduit

HNAG gland hubs for lead in cables are also available.

## Stand Pole (Pole Mount)

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

