

DW Weatherproof call station

RMLT.465311.002



DW Weatherproof call station is the subscriber equipment to use at industrial sites within digital Intercom and PA/GA communication systems DCN and IPN manufactured by Armtel.



DW is designed for outdoor use in environments with the high levels of humidity, noise, dust and smoke content, including the environments with chemically aggressive gases and vapors, within the wide range of operation temperatures.



Protection against temporary immersion in water



Up to 6,8 kHz bandwidth



Digital protocol

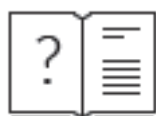
Key features:

- Two-way loudspeaking simplex communication, using built-in speakers, microphone or external microphone with push-to-talk button;
- Two-way duplex communication with using handset;
- Broadcasting of incoming audio messages through the integrated higher-power amplifier and optional 25/50W auxiliary amplifier;
- Group call and PA facility, including PA for multiple zones;
- Extended voice signal bandwidth to 6,8 kHz;
- Broadcasting of alarms pre-recorded messaged from central exchange;
- Indication of call, busy signaling, unanswered call and other modes on LED indicators of programmed keys / pushbuttons;
- Control of external signaling device, using built-in relay;
- Reliable communication via digital two-wire line of Uk₀ interface over the distance up to 6 km.

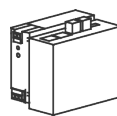
Technical specifications

Supply voltage range, V	from -36 V to -60 V
Maximum operating current:	
- With main amplifier 0,85 W	100 mA
- With higher-power main amplifier 11 W	650 mA
- With auxiliary amplifier 25 W	1,1 A
- With auxiliary amplifier 25/50 W	2,2 A
Power consumption:	
- With main amplifier 0,85 W	3,6 W
- With higher-power main amplifier 11 W	24 W
- With auxiliary amplifier 25 W	40 W
- With auxiliary amplifier 25/50 W	80 W
Bandwidth	from 300 Hz to 6800 Hz
Communication interface	Uk ₀
Number of programmable direct connections / functions	up to 24
Communication protocol	Armtel
Main amplifier, W	0,85 or 11
Auxiliary amplifier, W	25 or 25/50
Max. sound pressure level of built-in speaker at 30 cm, dB	105/115
Ambient temperature range, °C	From -40 to +55
Air humidity, %	Up to 100 % at +25°C
Protection class as per GOST 14254-2015	IP66
Electrical safety class as per GOST IEC 61140-2012	III
Overall dimensions (version without handset), mm	515×130×205
Overall dimensions (for versions completed with handset), mm	540×130×225
Maximum weight, kg	6,9
Material	GRP
Color	Orange
Cable glands	2 nos M25×1,5 1 nos M20×1,5

Delivery includes



Set of operational documents



Mounting kit (bracket x2, bolt M6×16 DIN 933 x4, washer 6 DIN 127A x4, washer 6 DIN 9021 x4)

Optional modules

Module	Description
Two-way toggle switch (up to 3)	The module is designed for 2 connections or programmable functions with built-in LED indications of dedicated subscriber status and communication lines
Direct call pushbutton module for 8 connections	
Dial pad module with 12 pushbuttons	10 for dialing and 2 for communication control
Handset module	
Information phonebook plate	
Emergency module «INFO» with visual button and inscription	
Foot paddle	