# Product Data Sheet
# GW46205F
## 68 ACS Range



Range of Watertight surface-mounting boards made in polyester material reinforced with fibreglass. In compliance with IEC 61439-1 (CEI 17/113), IEC 61439-2 (CEI 17/114), IEC 60670-1 (CEI 23/48), IEC 60670-24 (CEI 23/49) e IEC 62208 (CEI 17-87). Available in 7 sizes, transparent and black door versions with IP66 protection degree. Fast&Easy accessories, made in metal, allow the installation of modular devices and moulded-case circuit breakers up to 250A into the boards, reducing assembly times by up to 40%. Indicated for automation and distribution for indoor and outdoor applications.

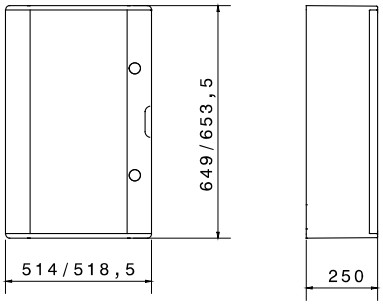
| **GENERAL INFORMATION** | - |
|---|---|
| Standard | EN 61439-1, EN 61439-2, EN62208, EN 60670-1, IEC 60670-24 |
| Family | 46 QP |
| Type of door | Transparent door |
| Nominal dim. LxHxD (mm) | 515x650x250 |
| Functional dim. LxHxD (mm) | 518.5x653.5x250 |
| Material | Polyester reinforced with fibreglass |
| Type of material | Halogen-free in compliance with EN 60754-2 |
| Colour | Grey RAL 7035 |
| No. of modules EN 50022 | 96 (24x4) |
| No. locks | 2 |
| **ACCESSORIES** | - |
| Surface-mounting brackets | GW46446-GW46451 |
| Kit for double insulation restore | GW46526 |

| **MECHANICAL AND FUNCTIONAL CHARACTERISTICS** | - |
|---|---|
| Operating temperature | -25 +60 °C |
| IP degree | IP66 |
| Mechanical resistance | Bottom IK10 |
| Glow Wire Test | 650 °C |
| Thermo-pressure with ball | Cassa 200 °C - Oblò 70 °C |
| UV resistance | Yes, according to EN 62208 |
| **ELECTRICAL CHARACTERISTICS** | - |
| Insulation class | II |
| Maximum rated insulation voltage (Ui) | 690 V |
| Insulation voltage | 1000 V AC - 1500 V DC (according to EN 62208) |
| Dispersible power A (W) | 126 |
| Dispersible power B (W) | 106 |

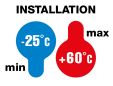
**BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS**

| Saline solution | Acids | | Bases | | Solvents | | | | Mineral oil | UV rays |
|---|---|---|---|---|---|---|---|---|---|---|
| | Concentrated | Diluited | Concentrated | Diluited | Hexane | Benzol | Acetone | Ethyl alcohol | | |
| Resistant | Limited resistance | Limited resistance | Limited resistance | Limited resistance | Limited resistance | Limited resistance | Not resistant | Limited resistance | Resistant | Resistant |

## DIMENSIONAL




## TECHNICAL SYMBOLOGY




-25 +60 °C

IP66

Bottom IK10

650 °C



Cassa 200 °C - Oblò 70 °C

Halogen-free in compliance with EN 60754-2



II

## STANDARDS/APPROVALS




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