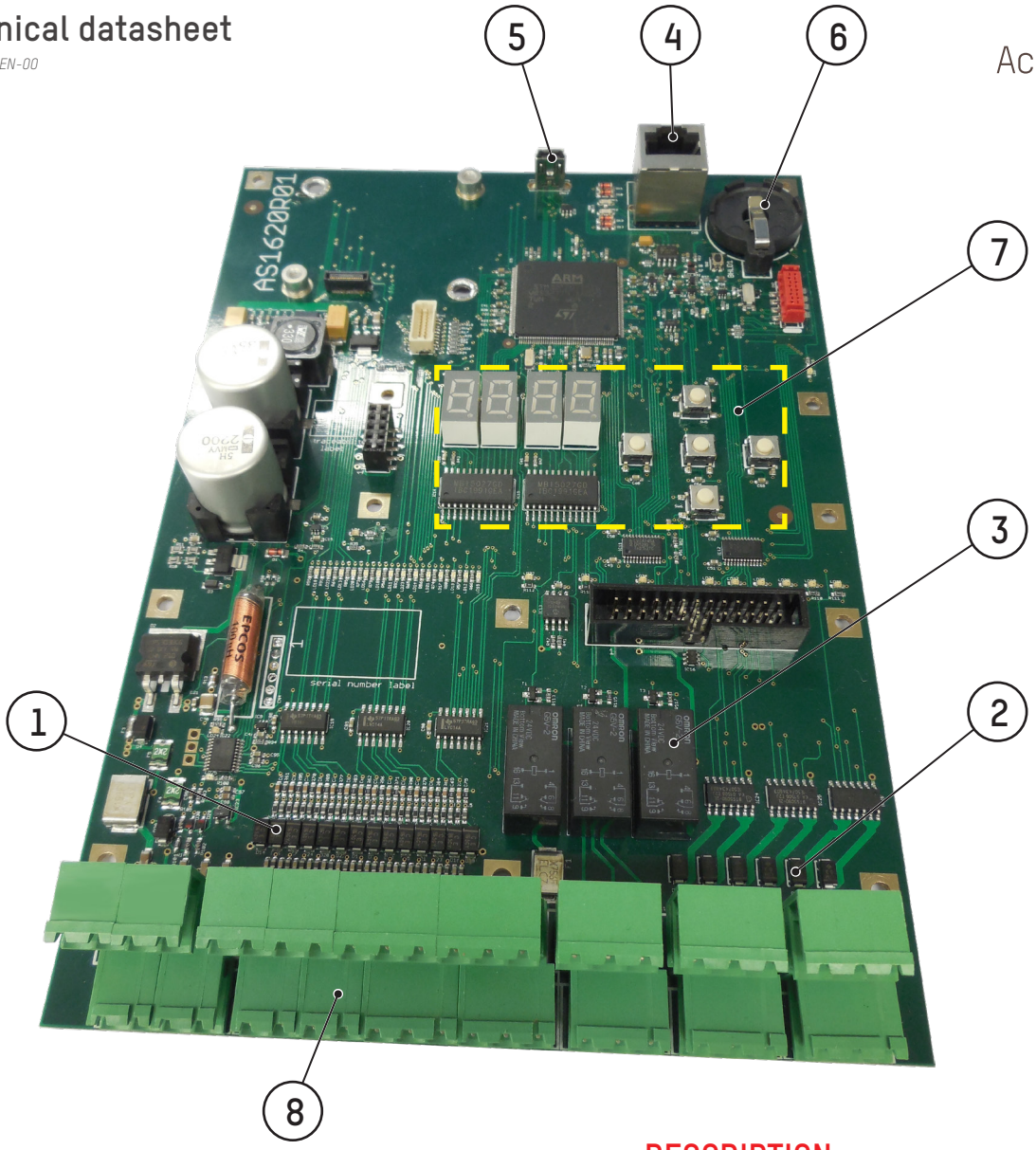
AS 1620

Technical datasheet

AS1620-FT-EN-00

Access controlled...
Future secured



The electronic control board AS1620 is the fruit of more than 45 years of experience in the field of access control. It integrates the latest technological evolutions, allowing an optimized and smooth operation of your Automatic Systems vehicle access control equipment.

In standard, the AS1620 is equipped with all the necessary components required for a seamless operation of the equipment.

In order to improve the user experience and the performances of the equipment itself, optional boards or cards have been developed. See on page 2.

DESCRIPTION

Varnished electronic control board equipped in standard of :

1. 14 digital inputs, 0-24VDC, protected against voltage variations and electromagnetic interferences;
2. 6 digital outputs, 24VDC – 2A maximum per output – 6A maximum in total, protected by a thermal fuse;
3. 3 relays with NO and NC contacts available– Nominal voltage 125VDC and 125VAC - Maximum switching power 60W – Coil consumption 0.5W;
4. 1 RJ485 (RJ45) connector for the communication with the variable frequency controller;
5. 1 micro-USB connector of 12Mbps at full speed, allowing a direct communication with the control board;
6. 1 battery slot, with its rechargeable battery, which in combination with the Ethernet connector will allow the logs to be saved;
7. 1 simplified human machine interface, consisting in 4 (four) 7-segments displays and 5 (five) push buttons;
8. Robust connectors ready for 2.5 mm² cables.

AS 1620

Datasheet
AS1620-FT-EN-00

TECHNICAL FEATURES

Power supply	100-240 VAC single phase - 5A - 50/60 Hz + Ground
Nominal voltage	+24VDC ±10%
Power consumption	< 1,5 W *(When all relays are OFF)* Max.: 5 W.
Operational temperature	Between -20 and +70°C
Maximum relative humidity	< 95%, without condensation

OPTIONS

1. HMI colour screen OLED RGB with touch pad, AS1621.
2. Ethernet connector, AS1622.
3. SD memory card (only available if the Ethernet AS1622 is ordered).
4. I/O extension board for additional 8 inputs and 8 relays, AS1623.
5. Variable frequency controller powered with 100-120VAC in state of 200-240VAC

STANDARD OVERALL DIMENSIONS