



The ASCD-1 is a five segment LED matrix display. In RACS 4 the device can display system time in 24h format while in RACS 5 it can additionally display system text messages with maximal length of 32 characters. When the text is longer than matrix (5 characters) then it is smoothly scrolled. Alternatively the ASCD-1 can be used beyond RACS systems as a standalone clock using internal RTC or as a display presenting received text messages. The device can additionally display ambient tempe-

rature using internal sensor. The device is equipped with CR2032 type battery in order to maintain clock operation and internal settings in case of power supply shortage. The enclosure of the ASCD-1 is made of aluminium profile with powder coating and universal mounting system which enables adjustment of its inclination. The enclosure provides protection against ingress therefore it can be used indoors and outdoors if protected against direct rainfall.

Features:

- five segment LED matrix display
- maximum character height 50 mm
- operation in RACS 4 and RACS 5 systems
- standalone operation
- operation in third party systems
- RS485 interface
- 12 VDC power supply
- current consumption ≈80 mA
- outdoor operation
- metal enclosure with tilt adjustment
- IP45
- environmental conditions of operation:
 - temperature from -25°C to +60°C
 - humidity from 10% to 95%
- dimensions (external):
 - 110.0 x 305.0 x 55.0 mm (height x width x thickness)
- weight ≈810.0 g
- CE mark

Ordering guide

<i>Item</i>	<i>Description</i>
ASCD-1	LED matrix display with built-in clock and calendar; standalone operation or within RACS systems or third party systems; RS485 interface; metal enclosure

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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