

# SIEMENS

## Product data sheet

**6ES7648-0DC50-0AA0**

SIMATIC IPC, USB-FLASHDRIVE,  
8 GB (SLC), USB2.0,  
SIMATIC IPC BIOS-MANAGER (INST) BOOTABLE,  
METAL HOUSING



| Installation type/mounting            |                 |
|---------------------------------------|-----------------|
| Mounting in portrait format possible  | Yes             |
| Mounting in landscape format possible | Yes             |
| Supply voltage                        |                 |
| Type of supply voltage                | DC              |
| Rated voltage/DC                      | 5.5 V           |
| Input current                         |                 |
| Current consumption (rated value)     | 60 mA           |
| Memory                                |                 |
| Type of memory                        | USB flash drive |
| Size                                  | 8192 Mbyte      |
| Standards, approvals, certificates    |                 |
| CE                                    | Yes             |
| Ambient conditions                    |                 |
| Operating temperature                 |                 |

|                                   |                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature range, max. | 55 °C                                                                                                                          |
| Operating temperature range, min. | 5 °C                                                                                                                           |
| Storage/transport temperature     |                                                                                                                                |
| Min.                              | -40 °C                                                                                                                         |
| max.                              | 70 °C                                                                                                                          |
| Relative humidity                 |                                                                                                                                |
| max. relative humidity            | 85 %                                                                                                                           |
| Mechanics/material                |                                                                                                                                |
| Type of housing (front)           |                                                                                                                                |
| Plastic                           | Yes                                                                                                                            |
| Dimensions                        |                                                                                                                                |
| Width                             | 16.7 mm                                                                                                                        |
| Height                            | 59.1 mm                                                                                                                        |
| Thickness                         | 7 mm                                                                                                                           |
| Weight                            |                                                                                                                                |
| Weight without packaging          | 12 g                                                                                                                           |
| Scope of supply                   |                                                                                                                                |
| Delivery unit in items            | 1                                                                                                                              |
| other                             |                                                                                                                                |
| Note:                             | (SLC); USB 2.0, for Comfort Panels, PCs and IPCs, incl. SIMATIC IPC BIOS Manager (installed), boot capability, metal enclosure |
| Status                            | Jul 17, 2012                                                                                                                   |