

Siemens 6ES7422-7BL00-0AB0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	SM 422 Digital Output Module

Description

6ES7422-7BL00-0AB0 | Siemens | SM 422 Digital Output Module

Manufacturer : Siemens

Product No. : 6ES7422-7BL00-0AB0

Product type : SM 422 Digital Output Module

Supply Voltage : 24 V

Input Current : 120 mA

Power Loss : 8 W

Dimension (LxWxH) : 21cm x 2.5cm x 29cm

Weight : 0.6 Kg

6ES7422-7BL00-0AB0

-

www.AutoDCSTech.com

SIMATIC S7-400, DIG.OUTPUT MOD. SM 422,

OPTIC. ISOLATED, 32 DO, 24V DC,

0.5A WITH 0,15 MS OUTPUT DELAY,

DIAGNOSTICS

Supply voltage

Load voltage L+

Rated value (DC) 24 V

permissible range, lower limit (DC) 20.4 V

permissible range, upper limit (DC) 28.8 V

Load voltage L1

permissible range, lower limit (AC) 20.4 V

permissible range, upper limit (AC) 28.8 V

Input current

from load voltage L+ (without load), max. 120 mA

from backplane bus 5 V DC, max. 200 mA

Power losses

Power loss, max. 8 W

Digital outputs

Number/binary outputs 32

Limitation of inductive shutdown voltage to L+ (-45 V)

Lamp load, max. 5 W

Output voltage

for signal "1", min. L+ (-0.8 V)

Output current

for signal "1" rated value 0.5 A

for signal "1" permissible range for 0 to 60 °C, min. 5 mA

for signal "1" permissible range for 0 to 60 °C, max. 0.6 A

for signal "0" residual current, max. 0.5 mA

Switching frequency

with resistive load, max. 100 Hz

with inductive load, max. 2 Hz

Aggregate current of outputs (per group)

all mounting positions

up to 60 °C, max. 2 A

Cable length

Cable length, shielded, max. 1000 m

Cable length unshielded, max. 600 m

Interrupts/diagnostics/status information

Alarms

Diagnostic alarm Yes ; Parameterizable

Diagnostic messages

Diagnostics Yes ; internal/ external fault

Galvanic isolation

Galvanic isolation digital outputs

between the channels, in groups of 8

between the channels and the backplane bus Yes

Isolation

Isolation checked with 500 V DC

Dimensions

Width 25 mm

Height 290 mm

Depth 210 mm

Weight

Weight, approx. 600 g

www.AutoDCSTech.com