

SIEMENS

Product data sheet

6ES7132-4HB12-0AB0


SIMATIC DP,
5 ELECTRON. MODULES ET200S: 2DO
RELAY(FORM C CONT.) DC24V-48V/5A,
AC24V-230V/5A, 15 MM WIDTH,
FIRST-UP SIGNAL,
5 PIECES PER PACKAGING UNIT

Supply voltage	
Load voltage L+	
Rated value (DC)	24 V ; From power module
Reverse polarity protection	Yes
Input current	
from load voltage L+ (without load), max.	30 mA
from backplane bus 3.3 V DC, max.	10 mA
Power losses	
Power loss, typ.	0.6 W
Address area	
Address space per module	
with packing	2 bit
without packing	1 byte
Digital outputs	
Number/binary outputs	2

Functionality/short-circuit strength	No
Limitation of inductive shutdown voltage to	No
Controlling a digital input	Yes
Output current	
for signal "1" rated value	5 A
for signal "1" minimum load current	8 mA
Switching frequency	
with resistive load, max.	2 Hz
with inductive load, max.	0.5 Hz
on lamp load, max.	2 Hz
Relay outputs	
Switching capacity of contacts	
Thermal continuous current, max.	5 A
Cable length	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
Isochronous mode	
Isochronous operation (application synchronized up to terminal)	No
Interrupts/diagnostics/status information	
Substitute values connectable	Yes ; 0/1
Diagnostic messages	
Diagnostic functions	No
Diagnostics indication LED	
Status indicator digital output (green)	Yes
Parameter	
Behavior on CPU/Master STOP, channel-wise	Substitute a value/keep last value
Galvanic isolation	
Galvanic isolation digital outputs	
between the channels	Yes
between the channels and the backplane bus	Yes
between the channels and the load voltage L+	Yes
Isolation	
tested with	

Channels against backplane bus and load voltage L+	1500 V AC
Load voltage L+ against backplane bus	500 V DC
Ambient conditions	
Extended ambient conditions	
Relative to ambient temperature-atmospheric pressure-installation altitude	Tmin ... Tmax at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // Tmin ... (Tmax - 10K) at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // Tmin ... (Tmax - 20K) at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity	
with condensation / maximum	100 %
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weight	
Weight, approx.	50 g
Status	Jul 24, 2012