



SIPLUS ET200S EM 2DO RLY 24-48VDC 230VAC/5A -25 ...
+60 DEGREES C BASED ON 6ES7132-4HB12-0AB0 5
PIECES PER EACH PACKAGING UNIT . DC24V-48V/5A,
AC24V-230V/5A, 15 MM WIDTH,
FIRST-UP SIGNAL,

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 loss	
Power loss, typ.	0.6 W
Address area	
Address space per module	
with packing	2 bit
without packing	1 byte
Digital outputs	
Number of digital outputs	2
Short-circuit protection	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 mode (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)
Relative humidity	

with condensation, tested in accordance with IEC 60068-2-38, maximum	100 % ; RH incl. condensation/frost (no commissioning under condensation conditions)
Resistance	
to biologically active substances/conformity with EN 60721-3-3	Yes ; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna). The supplied connector covers must remain on the unused interfaces during operation!
to chemically active substances/conformity with EN 60721-3-3	Yes ; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!
to mechanically active substances/conformity with EN 60721-3-3	Yes ; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!
Mechanical and climatic conditions during operation	
Climatic conditions in operation	
Temperature	
min.	-25 °C ; = Tmin
max.	60 °C ; = Tmax
Dimensions	
Width	15 mm
Height	81 mm
Depth	52 mm
Weights	
Weight, approx.	50 g
Status	Jul 28, 2014