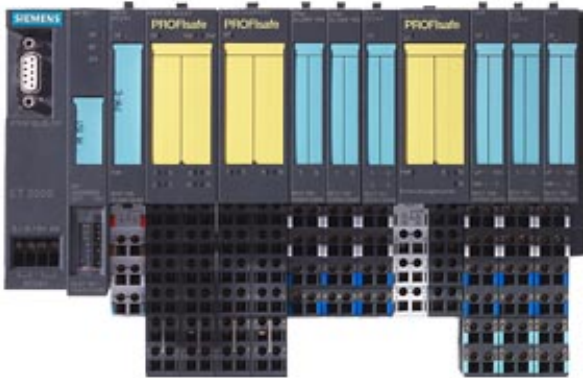


SIMATIC DP,  
 5 ELECTRON. MODULES FOR ET 200S,  
 2 DO RELAY 24V DC - 230V AC/5A, 15 MM WIDTH FIRST-  
 UP SIGNAL WITH LED SF (GROUP FAULT),  
 5 PIECES PER PACKAGING UNIT



## Supply voltage

### Load voltage L+

<b>Rated value (DC)</b>	24 V ; From power module
<b>Reverse polarity protection</b>	Yes

## Input current

<b>from load voltage L+ (without load), max.</b>	30 mA
<b>from backplane bus 3.3 V DC, max.</b>	10 mA

## Power loss

<b>Power loss, typ.</b>	0.6 W
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## Address area

### Address space per module

<b>with packing</b>	2 bit
<b>without packing</b>	1 byte

## Digital outputs

<b>Number of digital outputs</b>	2
<b>Limitation of inductive shutdown voltage to</b>	No
<b>Controlling a digital input</b>	Yes

## Output current

for signal "1" minimum load current	8 mA
<b>Parallel switching of 2 outputs</b>	
for uprating	No
for redundant control of a load	No
<b>Switching frequency</b>	
with resistive load, max.	2 Hz
with inductive load, max.	0.5 Hz
on lamp load, max.	2 Hz
<b>Relay outputs</b>	
<b>Switching capacity of contacts</b>	
with resistive load, up to 50 °C, max.	5 A
with resistive load, up to 60 °C, max.	4 A
Thermal continuous current, max.	5 A
<b>Cable length</b>	
Cable length, shielded, max.	1000 m
Cable length unshielded, max.	600 m
<b>Isochronous mode</b>	
Isochronous mode (application synchronized up to terminal)	No
<b>Interrupts/diagnostics/status information</b>	
<b>Diagnostic messages</b>	
Diagnostic functions	No
<b>Diagnostics indication LED</b>	
Status indicator digital output (green)	Yes
<b>Parameter</b>	
Remark	3 byte
Behavior on CPU/master STOP, channel-wise	Substitute a value/keep last value, 0/1
<b>Galvanic isolation</b>	
<b>Galvanic isolation digital outputs</b>	
between the channels	Yes
between the channels and the backplane bus	Yes
between the channels and the load voltage L+	Yes
<b>Isolation</b>	
<b>tested with</b>	
Channels against backplane bus and load voltage L+	1500 V AC
Load voltage L+ against backplane bus	500 V DC
<b>Dimensions</b>	
Width	15 mm
Height	81 mm

<b>Depth</b>	52 mm
<b>Weights</b>	
<b>Weight, approx.</b>	50 g
Status	Jul 28, 2014