



Module, 6ES7138-6AA01-0BA0

URL:<https://www.sxplc.com/module-6es7138-6aa01-0ba0>

Product data sheet

General information	
Product type designation	TM Count 1x24V
Firmware version	V2.0
<ul style="list-style-type: none"> • FW update possible 	Yes
usable BaseUnits	BU type A0
Color code for module-specific color identification plate	CC00
Product function	
<ul style="list-style-type: none"> • I&M data 	Yes; I&M0 to I&M3
<ul style="list-style-type: none"> • Isochronous mode 	Yes
Engineering with	
<ul style="list-style-type: none"> • STEP 7 TIA Portal configurable/integrated from version 	STEP 7 V15 SP1 or higher
<ul style="list-style-type: none"> • STEP 7 configurable/integrated from version 	V5.6 and higher
<ul style="list-style-type: none"> • PROFIBUS from GSD version/GSD revision 	One GSD file each, Revision 3 and 5 and higher
<ul style="list-style-type: none"> • PROFINET from GSD version/GSD revision 	GSDML V2.34
Supply voltage	
Rated value (DC)	24 V
Load voltage L+	
<ul style="list-style-type: none"> • Rated value (DC) 	24 V
<ul style="list-style-type: none"> • permissible range, lower limit (DC) 	19.2 V
<ul style="list-style-type: none"> • permissible range, upper limit (DC) 	28.8 V
<ul style="list-style-type: none"> • Reverse polarity protection 	Yes
Input current	
Current consumption, max.	60 mA; without load
Encoder supply	
Number of outputs	1
24 V encoder supply	
<ul style="list-style-type: none"> • 24 V 	Yes; L+ (-0.8 V)
<ul style="list-style-type: none"> • Short-circuit protection 	Yes; electronic/thermal
<ul style="list-style-type: none"> • Output current, max. 	300 mA
Power loss	
Power loss, typ.	1 W
Address area	
Address space per module	
<ul style="list-style-type: none"> • Inputs 	16 byte; 4 bytes in Fast mode
<ul style="list-style-type: none"> • Outputs 	12 byte; 4 bytes for Motion Control, 0 bytes for Fast mode
Hardware configuration	
Automatic encoding	Yes
<ul style="list-style-type: none"> • Mechanical coding element 	Yes
<ul style="list-style-type: none"> • Type of mechanical coding element 	type B

