



3	Type of module	Inputs/Outputs				
		Discrete		Analog		
	Conformity	Directive ATEX 94/9/EC, EN 50014, EN 50020, EN 50284, EN 50281-1				
	Zone D (dust)	Mounted outside zone (to be used in conjunction with products for zone 20, 21 or 22)				
	EC type examination certificate number / marking	SIRA 02ATEX2345X Ex II (1) G/D-[EEx ia] IIC				
	Connection	By screw terminal 140XTS33200 (to be ordered separately)				
	Number of inputs	8	–	8	–	–
Number of outputs	–	8	–	–	8	
Signal inputs	–	–	Thermal probe Thermocouple (1)	0–25/20 mA 4–25 mA	–	
Resolution	–	–	12 bits + sign	0–25000 points	15 bits	
Catalog number	140DII33000	140DIO33000	140AII33000	140AII33010	140AIO33000	

(1) Type J, K, E, T, S, R, B, mV.

Counter and special purpose modules



Type of module	High-speed counter		High-speed inputs with interrupt	Time-stamp system	
Type of inputs for	Incremental encoders		Discrete 24 VDC (2)	DCF 77 24 VDC (3)	Discrete 24–125 VDC
Counting frequency	100 kHz	500 kHz	–	–	–
Number of channels	5	2	16	1	32
Catalog number	140EHC10500	140EHC20200	140HLI34000	140DCF07700	140ERT85410

(2) 3 operating modes: Interrupt, latch, high-speed inputs, on rising or falling edge.

(3) For GPS or DCF time receiver.