SIEMENS

Data sheet

6ES7216-2BD23-0XB0

 *** Spare part *** SIMATIC S7-200, CPU 226 Compact unit, AC power supply 24 DI DC/16 DO relay 16/24 KB progr./10 KB data, 2 PPI/user-programmable interface



Figure similar

Cumply valence			
Supply voltage			
Rated value (AC)	M.		
• 120 V AC	Yes		
• 230 V AC	Yes		
Load voltage L+			
Rated value (DC)	24 V		
 permissible range, lower limit (DC) 	5 V		
permissible range, upper limit (DC)	30 V		
Load voltage L1			
Rated value (AC)	100 V; 100 V AC to 230 V AC		
 permissible range, lower limit (AC) 	5 V		
 permissible range, upper limit (AC) 	250 V		
 permissible frequency range, lower limit 	47 Hz		
permissible frequency range, upper limit	63 Hz		
Input current			
Inrush current, max.	20 A; at 264 V		
from supply voltage L1, max.	320 mA; 40 to 160 mA (240 V); 80 to 320 mA (120 V); output current for expansion modules (5 V DC) 1 000 mA		
Encoder supply			
24 V encoder supply			
• 24 V	Yes; Permissible range: 20.4V to 28.8V		
 Short-circuit protection 	Yes; electronic at 400 mA		
 Output current, max. 	400 mA		
Power loss			
Power loss, typ.	17 W		
Memory			
Number of memory modules (optional)	1; pluggable memory module, content identical with integral EEPROM; can additionally store recipes, data logs and other files		
Work memory			
integrated (for program)	24 kbyte; 16 KB with active run-time edit		
integrated (for data)	10 kbyte		
Backup			
• present	Yes; Program: Entire program maintenance-free on integral EEPROM, programmable via CPU; data: Entire DB 1 loaded from PG/PC maintenance-free on integral EEPROM, current values of DB 1 in RAM, retentive memory bits, timers, counters, etc. maintenance-free via high-performance capacitor; optional battery for long-term buffering		
Battery			
Backup battery			
 Backup time, max. 	100 h; (min. 70 h at 40 °C); 200 days (typ.) with optional battery module		
CPU processing times			

for bit operations, max.	0.22 μs
Counters, timers and their retentivity	V.LL PO
S7 counter	
• Number	256
Retentivity	
— adjustable	Yes; via high-performance capacitor or battery
Counting range	res, via high-performance capacitor or battery
— lower limit	0
— upper limit	32 767
S7 times	02.101
• Number	256
Retentivity	
— adjustable	Yes; via high-performance capacitor or battery
Time range	100, Na ingili ponomiano oupavion or salical
— lower limit	1 ms
— upper limit	54 min; 4 timers: 1 ms to 30 s; 16 timers: 10 ms to 5 min; 236 timers: 100 ms to
иррог штис	54 min
Data areas and their retentivity	
Flag	
• Size, max.	32 byte
Retentivity available	Yes; M 0.0 to M 31.7
 of which retentive with battery 	0 to 255, via high-performance capacitor or battery, adjustable
 of which retentive without battery 	0 to 112 in EEPROM, adjustable
Hardware configuration	
Number of expansion units, max.	7; Only expansion modules of the S7-22x series can be used. Due to the
	limited output current, the use of expansion modules may be limited.
connectable programming devices/PCs	SIMATIC PG/PC, standard PC
Expansion modules	
 Analog inputs/outputs, max. 	35; max. 28 inputs and 7 outputs (EM) or max. 0 inputs and 14 outputs (EM)
 Digital inputs/outputs, max. 	148; max. 128 inputs and 120 outputs (CPU+EM)
- Digital Impatoroutputo, max.	Tro, max. 120 mpute and 120 outpute (of 0 12m)
AS-Interface inputs/outputs, max.	62; AS-Interface A/B slaves (CP 243-2)
AS-Interface inputs/outputs, max.	
AS-Interface inputs/outputs, max. Digital inputs	62; AS-Interface A/B slaves (CP 243-2)
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs	62; AS-Interface A/B slaves (CP 243-2) 24
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input	62; AS-Interface A/B slaves (CP 243-2) 24
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0"	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage)	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable parameterizable parameterizable parameterizable parameterizable	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min. — at "0" to "1", max. for interrupt inputs	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min. — at "0" to "1", max. for interrupt inputs — parameterizable — a to "0" to "1", max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min. — at "0" to "1", max. for interrupt inputs — parameterizable for technological functions — parameterizable for technological functions — parameterizable	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max. Digital outputs	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min. — at "0" to "1", max. for interrupt inputs — parameterizable for technological functions — parameterizable Cable length shielded, max. unshielded, max. Digital outputs Number of digital outputs	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; 1 0.0 to 1 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals 16; Relays
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs — parameterizable — at "0" to "1", min. — at "0" to "1", max. for interrupt inputs — parameterizable for technological functions — parameterizable Cable length shielded, max. unshielded, max. Digital outputs Number of digital outputs Number of digital outputs Short-circuit protection	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; 1 0.0 to 1 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals 16; Relays
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max. Digital outputs Number of digital outputs Short-circuit protection Switching capacity of the outputs	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; 1 0.0 to 1 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals 16; Relays No; to be provided externally
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max. Digital outputs Number of digital outputs Short-circuit protection Switching capacity of the outputs with resistive load, max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals 16; Relays No; to be provided externally
AS-Interface inputs/outputs, max. Digital inputs Number of digital inputs Source/sink input Input voltage Rated value (DC) for signal "0" for signal "1" Input current for signal "1", typ. Input delay (for rated value of input voltage) for standard inputs parameterizable at "0" to "1", min. at "0" to "1", max. for interrupt inputs parameterizable for technological functions parameterizable Cable length shielded, max. unshielded, max. unshielded, max. Digital outputs Number of digital outputs Short-circuit protection Switching capacity of the outputs with resistive load, max. on lamp load, max.	62; AS-Interface A/B slaves (CP 243-2) 24 Yes; optionally, per group 24 V 0 to 5 V min. 15 V 2.5 mA Yes; all 0.2 ms 12.8 ms Yes; I 0.0 to I 0.3 Yes; (E 0.0 to E 1.5) 30 kHz 500 m; Standard input: 500 m, high-speed counters: 50 m 300 m; not for high-speed signals 16; Relays No; to be provided externally

for signal "0" residual current, max. Output delay with resistive load "0" to "1", max. "1" to "0", max. Parallel switching of two outputs for uprating Switching frequency of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions	A mA 0 ms; all outputs 0 ms; all outputs lo kHz
Output delay with resistive load • "0" to "1", max. • "1" to "0", max. Parallel switching of two outputs • for uprating Switching frequency • of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions — up to 40 °C, max.	0 ms; all outputs 0 ms; all outputs lo
"0" to "1", max. "1" to "0", max. Parallel switching of two outputs for uprating Switching frequency of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions — up to 40 °C, max. 100	0 ms; all outputs
 "1" to "0", max. Parallel switching of two outputs for uprating Switching frequency of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions — up to 40 °C, max. 	0 ms; all outputs
Parallel switching of two outputs • for uprating Switching frequency • of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions — up to 40 °C, max.	lo
 for uprating Switching frequency of the pulse outputs, with resistive load, max. Total current of the outputs (per group) all mounting positions up to 40 °C, max. 	
Switching frequency • of the pulse outputs, with resistive load, max. 1 Total current of the outputs (per group) all mounting positions — up to 40 °C, max.	
of the pulse outputs, with resistive load, max. 1 Total current of the outputs (per group) all mounting positions — up to 40 °C, max. 10	kHz
Total current of the outputs (per group) all mounting positions — up to 40 °C, max.	kHz
all mounting positions — up to 40 °C, max.	
— up to 40 °C, max.	
horizontal installation	0 A
— up to 55 °C, max.	0 A
Relay outputs	
Number of relay outputs	6
Number of operating cycles, max.	0 000 000; mechanically 10 million, at rated load voltage 100 000
Cable length	
· · ·	00 m
	50 m
Analog inputs	
	; Analog potentiometer; resolution 8 bit
Encoder	
Connectable encoders	
	ves
	mA
1. Interface	the most of DO 405 interfere
	ntegrated RS 485 interface
Protocols	(A ANDI I (A A A A A A A A A A A A A A A A A
Opp	'es; As MPI slave for data exchange with MPI masters (S7-300/S7-400 CPUs,)Ps, TDs, Push Button Panels); S7-200-internal CPU/CPU communication is ossible in the MPI network with restrictions; transmission rates: 19.2/187.5 bit/s
20	res; with PPI protocol for program functions, HMI functions (TD 200, OP), S7-00-internal CPU/CPU communication; transmission rates 9.6/19.2/187.5 bit/s
e) 4.	es; As freely programmable interface with interrupt facility for serial data xchange with third-party devices with ASCII protocol transfer rates: 1.2 / 2.4 /8 / 9.6 / 19.2 / 38.4 / 57.6 / 115.2 kbps; the PC/PPI cable can also be used as 23 232/RS 485 converter
MPI	
Transmission rate, min.	9.2 kbit/s
· ·	87.5 kbit/s
2. Interface	
	ntegrated RS 485 interface
Protocols	•
• MPI Ye O	res; As MPI slave for data exchange with MPI masters (S7-300/S7-400 CPUs, PPs, TDs, Push Button Panels); S7-200-internal CPU/CPU communication is ossible in the MPI network with restrictions; transmission rates: 19.2/187.5 bit/s
20	es; with PPI protocol for program functions, HMI functions (TD 200, OP), S7-00-internal CPU/CPU communication; transmission rates 9.6/19.2/187.5 bit/s
ex 4.	res; As freely programmable interface with interrupt facility for serial data exchange with third-party devices with ASCII protocol transfer rates: 1.2 / 2.4 /8 / 9.6 / 19.2 / 38.4 / 57.6 / 115.2 kbps; the PC/PPI cable can also be used as 2S 232/RS 485 converter
Integrated Functions	
Counter	
 Number of counters up of in 	; High-speed counters (30 kHz each), 32 bit (incl. sign), can be used as p/down counters or for connecting 2 incremental encoders with 2 pulse trains ffset by 90° (max. 20 kHz (A/B counters)); parameterizable enable and reset input; interrupt facilities (incl. call of subroutine with any content) when the etpoint is reached; reversal in counting direction, etc.
• Counting frequency, max. 30	0 kHz
Number of alarm inputs 4;	; 4 rising edges and/or 4 falling edges

Potential separation digital inputs					
 between the channels 	Yes; Optocoupler				
between the channels, in groups of	13 and 11				
Potential separation digital outputs					
 between the channels 		Yes; Relays			
between the channels, in groups of	4, 5 and 7				
ermissible potential difference					
between different circuits	500 V DC between 24 V DC and 230 V AC	d 5 V DC; 1500 V AC bet	ween 24 V DC and		
egree and class of protection					
IP degree of protection	IP20				
mbient conditions					
Ambient temperature during operation					
 horizontal installation, min. 	0 °C				
 horizontal installation, max. 	55 °C				
 vertical installation, min. 	0 °C	0 °C			
vertical installation, max.	45 °C				
Air pressure acc. to IEC 60068-2-13					
 permissible range, lower limit 	860 hPa				
permissible range, upper limit	1 080 hPa				
Relative humidity					
Operation, min.	5 %				
Operation, max.	95 %; RH class 2 in accordance	with IEC 1131-2			
onfiguration / header					
configuration / programming / header					
December 1	instructions, clock instructions, transmissions instructions, table instructions, logic instructions, shift and rotate instructions, conversion instructions, program control instructions, interrupt and communications instructions, logic stack instructions, integer maths, floating-point math instructions, numerical functions free cycle (OB 1), interrupt-controller, time-controlled (1 to 255 ms)				
Program processing		·	•		
Program organization		1 OB, 1 DB, 1 SDB subroutines with/without parameter transfer			
Number of subroutines, max.	64				
Programming language	· ·				
— LAD	Yes				
— FBD	Yes				
— STL	Yes				
Know-how protection					
User program protection/password protection	Yes; 3-stage password protection	on	_		
connection method					
Plug-in I/O terminals	Yes				
Dimensions					
Width		196 mm			
Height			80 mm		
Height	62 mm				
Depth	_				
Depth Veights					
Depth /eights Weight, approx.	660 g				
Depth /eights Weight, approx.	660 g				
Depth /eights Weight, approx.	660 g	Version	Classification		
Depth /eights Weight, approx.	660 g eClass	Version 14	Classification 27-24-22-07		
Depth /eights Weight, approx.					
Depth /eights Weight, approx.	eClass eClass	14 12	27-24-22-07 27-24-22-07		
Depth /eights Weight, approx.	eClass eClass eClass	14 12 9.1	27-24-22-07 27-24-22-07 27-24-22-07		
Depth /eights Weight, approx.	eClass eClass eClass eClass	14 12 9.1 9	27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07		
Depth /eights Weight, approx.	eClass eClass eClass	14 12 9.1	27-24-22-07 27-24-22-07 27-24-22-07		
Depth /eights Weight, approx.	eClass eClass eClass eClass	14 12 9.1 9	27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07		
Depth /eights Weight, approx.	eClass eClass eClass eClass eClass	14 12 9.1 9	27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07		
Depth	eClass eClass eClass eClass eClass eClass	14 12 9.1 9 8 7.1	27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07 27-24-22-07		

ETIM	7	EC000236	
IDEA	4	3565	
UNSPSC	15	32-15-17-05	

Approvals / Certificates

General Product Approval

For use in hazardous locations

Maritime application



Miscellaneous

<u>FM</u>







GL

Maritime application



NK / Nippon Kaiji Kyokai



CCS (China Classification Society)

last modified:

5/22/2024