

Selection and ordering data
Structure of the article numbers for SIMOTICS FD energy storage devices

Structure of the Article No.:																Order code
Position: 1 2 3 4 5 6 7 - 8 9 10 11 12 - 13 14 15 16																
SIMOTICS FD energy storage devices																
1st to 4th position: Digit, letter, letter, digit	Motors without explosion protection					1	L									
	Water-cooled with water-jacket cooling, IC71W							H	1							
	Air-cooled, enclosed version with forced ventilation, IC416							Q	1							
	Air-cooled, open version with forced ventilation, IC06							P	1							
5th position: Digit	Motor series	Energy storage devices				7										
6th position: Digit	System description	Operation on SINAMICS converter with controlled infeed				1										
7th position: Digit	Efficiency	Premium Efficiency				3										
8th and 9th position: Digit, letter	Frame size	315						3	A							
		355						3	B							
10th position: Letter	No. of poles	4-pole							B							
11th position: Digit	Laminated core length	1 (for frame size 315)								1						
		5 (for frame size 355)								5						
12th position: Digit	Line voltage	480 V								8						
13th position: Digit	Rated speed	1800 rpm									6					
		2000 rpm ¹⁾									9					
14th position: Letter	Type of construction	IM B3										A				
15th position: Letter	Terminal box position	Standard version (terminal box on DE top)											A			
		<u>Version with one terminal box</u>												B		
		Terminal box on DE right												C		
		Terminal box on DE left												D		
		Terminal box on NDE top												E		
		Terminal box on NDE right												F		
		Terminal box on NDE left														
16th position: Digit	Separately driven fan – heat exchanger position	No separately driven fan, no heat exchanger											0			
		<u>Separately driven fan position for air-cooled motors</u>												2		
		Separately driven fan unit NDE top												3		
		Separately driven fan unit NDE right												4		
		Separately driven fan unit NDE left														
Additional identification code	Different rated speed	$n_{rated} = 2000 \text{ rpm}$														N2A

¹⁾ The energy storage devices in frame size 315 are designed for a rated speed of $n_{rated} = 2000 \text{ rpm}$. They are ordered in conjunction with order code **N2A** (without additional price).