


H-Pos: 450; 3EK8 100-4EA4		Cage design 
<b>System Information</b>		
Maximum Utilization Voltage	13,1	kV
Basic lightning impulse insulation level	110	kV
Maximum altitude of installation (a.s.l.)	5905	ft
Neutral system earthing	solid	
Power Frequency	48 ... 62	Hz
<b>Electrical data</b>		
Applied Standard	IEEE Std.C62.11	
Duty-cycle voltage	10,0	kV
Maximum continuous operating voltage (MCOV)	8,4	kV
Low-current long-duration	250	A
High-current short-duration	100	kA
Pressure-relief capability	20,0	kA
Maximum discharge voltage at :		
10 kA 1/2 µs including inductive voltage drop (FOW)	30,1	kV
10 kA 1/2 µs excluding inductive voltage drop (FOW)	28,2	kV
5 kA 8/20 µs	24,6	kV
10 kA 8/20 µs	26,5	kV
20 kA 8/20 µs	29,7	kV
40 kA 8/20 µs	33,9	kV
500 A (45/90 µs)	20,7	kV
1 kA (45/90 µs)	21,5	kV
2 kA (45/90 µs)	22,5	kV
Temporary overvoltage for 1 s	11,8	kV
Temporary overvoltage for 10 s	11,2	kV
Power Frequency withstand voltage (10 s, wet)	55,0	kV
Lightning Impulse withstand voltage (1,2/50 µs)	115	kV
<b>Mechanical data</b>		
Height (H)	7,52	inch
Minimum creepage distance	21,22	inch
Number of units	1	
Weight (G)	4,9	lb
Color of housing	grey	
<b>Accessories</b>		
Line terminal	<b>M32 (3/8") 1x 4corner+Bird - (3/8") NIB short Einzelmon</b> Disconnecter 3EX4 065-8A Accessory for 3EK 3/8" thread No dangerous good - without pyrotechnics	
Ground terminal		
Accessory 1		

<sup>3</sup> Values without accessories

AL: N  
ECCN: N