

## **MLFB-Ordering data**

6SE6440-2AD33-0EA1



Client order no. : Item no. :
Order no. : Consignment no. :
Offer no. : Project :
Remarks :

Rated data		General t	General tech. specifications	
Input		Power factor λ	0.95	
Number of phases	3 AC	Efficiency η	0.96	
Line voltage	380 480 V ±10 %	Ambi	Ambient conditions	
Line frequency	47 63 Hz	Cooling	Fan	
Rated current (LO)	72.00 A	Ambient temperature		
Rated current (HO)	59.00 A	Operation (LO)	-10 40 °C	
Output		Operation (HO)	-10 50 °C	
Number of phases	3 AC	Transport	-40 70 °C	
Rated voltage	480 V	Storage	-40 70 °C	
Rated power (LO)	37.00 kW / 50.00 hp			
Rated power (HO)	30.00 kW / 40.00 hp			
Rated current (LO)	75.00 A			
Rated current (HO)	62.00 A			
Pulse frequency	4000 Hz			
Output frequency for V/f control	0 650 Hz			

As a result of legal stipulations, a limit to 550 Hz is in production

## Overload capability

Low Overload (LO)

140 % output current for 3 s, followed by 110 % output current for 57 s followed by 100 % output current for 240 s in a 300 s cycle time

High Overload (HO)

150 % output current for 60 s, followed by 100 % output current for 240 s in a 300 s cycle time

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Mechanical data		Connections
Degree of protection	IP20	Motor end
Size	FSE	Conductor cross-section 35.00 mm <sup>2</sup>
Net weight	22.00 kg	
Width	275.0 mm	
Height	650.0 mm	
Depth	245.0 mm	
Inputs / outputs		
Standard digital inputs		
Number	6	
Relay output		
Number	3	
Analog inputs		
Number	2	
Analog outputs		
Number	2	
PTC/ KTY interface		
Number	1	