

MLFB-Ordering data

6SL3210-5BE13-7CV0



Figure similar

Client order no. :

Order no. :

Offer no. :

Remarks :

Item no. :

Consignment no. :

Project :

Rated data	General tech. specifications																														
Input <table> <tr> <td>Number of phases</td><td>3 AC</td></tr> <tr> <td>Line voltage</td><td>380 ... 480 V -15 % +10 %</td></tr> <tr> <td>Line frequency</td><td>47 ... 63 Hz</td></tr> </table>	Number of phases	3 AC	Line voltage	380 ... 480 V -15 % +10 %	Line frequency	47 ... 63 Hz	<table> <tr> <td>Power factor λ</td><td>0.72</td></tr> <tr> <td>Offset factor $\cos \varphi$</td><td>0.95</td></tr> <tr> <td>Efficiency η</td><td>0.98</td></tr> <tr> <td>Filter class (integrated)</td><td>Class A</td></tr> </table>	Power factor λ	0.72	Offset factor $\cos \varphi$	0.95	Efficiency η	0.98	Filter class (integrated)	Class A																
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Overload capability

Low Overload (LO)

110 % rated output current for 60 s, cycle time 300 s

High Overload (HO)

150 % rated output current for 60 s, cycle time 300 s



Figure similar

Mechanical data	Connections																						
<table><tr><td>Mounting position</td><td>Wall mounting / side-by-side mounting</td></tr><tr><td>Degree of protection</td><td>IP20 / UL open type</td></tr><tr><td>Size</td><td>FSA</td></tr><tr><td>Net weight</td><td>1.00 kg (2.20 lb)</td></tr><tr><td>Width</td><td>90.0 mm (3.54 in)</td></tr><tr><td>Height</td><td>150.0 mm (5.91 in)</td></tr><tr><td>Depth</td><td>145.5 mm (5.73 in)</td></tr></table>	Mounting position	Wall mounting / side-by-side mounting	Degree of protection	IP20 / UL open type	Size	FSA	Net weight	1.00 kg (2.20 lb)	Width	90.0 mm (3.54 in)	Height	150.0 mm (5.91 in)	Depth	145.5 mm (5.73 in)	Max. motor cable length <table><tr><td>Shielded</td><td>10 m (33 ft)</td></tr><tr><td>Unshielded</td><td>50 m (164 ft)</td></tr></table> Converter losses to EN 50598-2* <table><tr><td>Efficiency class</td><td>IE2</td></tr><tr><td>Comparison with the reference converter (90% / 100%)</td><td>-20.84 %</td></tr></table> The percentage values show the losses in relation to the rated apparent power of the converter. The diagram shows the losses for the points (as per standard EN 50598) of the relative torque generating current (I) over the relative motor stator frequency(f). The values are valid for the basic version of the converter without options/components. *converted values	Shielded	10 m (33 ft)	Unshielded	50 m (164 ft)	Efficiency class	IE2	Comparison with the reference converter (90% / 100%)	-20.84 %
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