



**Busbar adapter, 3p, for NZM1, 160A, UL508**

**Part no.** NZM1-XAD160  
**Catalog No.** 104554  
**EL-Nummer (Norway)** 2465043

**Delivery program**

Product range			60 mm system Compact system															
Basic function			Busbar adapters for NZM															
Subrange			Component adapter for circuit-breakers and switch-disconnectors															
Function			For surface mounting on flat copper busbars 12 – 30 x 5 – 10, double T and triple T profile															
Rated operational voltage	U <sub>e</sub>	V AC	690															
Temperature resistant			to 120°C															
Rated diversity factor			<table border="1"> <tr> <td>Interior housing temperature</td> <td>25° C</td> <td>35° C</td> <td>45° C</td> <td>55° C</td> </tr> <tr> <td>NZM1 ≤ 125 A RDF</td> <td>1.00</td> <td>1.00</td> <td>0.92</td> <td>0.84</td> </tr> <tr> <td>NZM1 160 A RDF</td> <td>1.00</td> <td>0.94</td> <td>0.88</td> <td>0.81</td> </tr> </table> IEC 61439: busbar ≥ 120 mm <sup>2</sup>	Interior housing temperature	25° C	35° C	45° C	55° C	NZM1 ≤ 125 A RDF	1.00	1.00	0.92	0.84	NZM1 160 A RDF	1.00	0.94	0.88	0.81
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NZM1 ≤ 125 A RDF	1.00	1.00	0.92	0.84														
NZM1 160 A RDF	1.00	0.94	0.88	0.81														
Self-extinguishing			to UL 94															
Track resistance			CTI 200															
Number of poles			3 pole															
Rated operational current	I <sub>e</sub>	A	160															
Adapter width		mm	92															
For use with			NZM1, PN1, N(S)1															
Cu factor		kg	0,25															

**Notes**

- For switch and standard connection with box terminal.
- Integrated adapters allow connection to system on top or bottom.
- Increased protection against direct contact on the switch output side is possible in conjunction with IP2X protection against contact with a finger.
- Latch fitting to busbar using combination stand
- Can be adjusted to 5-mm and 10-mm rail thicknesses and back thanks to the integrated combination stand.
- Rated short-circuit switching capacity 35 kA at 480 V.
- Mounted by latching onto de-energized busbar.

**Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Busbar adapter (EC001531)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecI@ss10.0.1-27-37-03-04 [ACN951011])			
Mounting rail armament			None
Type of electric connection			Other
Rated current I <sub>n</sub>		A	160
Min. busbar thickness		mm	5
Max. busbar thickness		mm	10
Width of the adapter		mm	92
Rail width		mm	30
Busbar distance		mm	60

## Approvals

Product Standards	UL508A; CSA-C22.2 No. 14; IEC 61439-1; CE marking
UL File No.	E140305
UL Category Control No.	DIHS, DIHS7
CSA File No.	236217
CSA Class No.	3211-37
North America Certification	UL listed, CSA certified
Conditions of Acceptability	Refer to approbation report
Specially designed for North America	No
Suitable for	Feeder circuits
Current Limiting Circuit-Breaker	Refer to approbation report
Max. Voltage Rating	600 V AC
Degree of Protection	Feeder circuits

## Dimensions

