



**Main switch, 240 V, 100A, 2HP**

**Part no.** IS-100/2  
**Catalog No.** 276283  
**Alternate Catalog No.** IS-100/2  
**EL-Nummer (Norway)** 0001460855

Similar to illustration

### Delivery program

Basic function			Main load disconnecter switch
Number of poles			2 pole
Application			Switchgear for industrial and advanced commercial applications
Rated current	$I_n$	A	100
Product range			IS
Contact sequence			

### Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	100
Heat dissipation per pole, current-dependent	$P_{vid}$	W	3.9
Equipment heat dissipation, current-dependent	$P_{vid}$	W	7.8
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-5
Operating ambient temperature max.		°C	40

### Technical data ETIM 6.0

Devices for distribution board-/surface mounting (EG000062) / Main switch for distribution board (EC001545)			
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Main switch for distribution board (ec1@ss8.1-27-14-23-01 [AFZ813011])			
Switching function			Other
Number of normally open contacts			0
Number of normally closed contacts			0
Number of change-over contacts			0
Number of poles			2
Nominal rated current		A	100
Nominal rated voltage		V	240
Min. rated voltage		V	240
Rated switching capacity		kA	0
Short-circuit breaking capacity (Icw)		kA	2
Voltage type			AC

Forced segregation (according to DIN VDE 0113)		No
With signal lamp		No
Colour calotte		Not applicable
Lamp type		Not applicable
Lamp socket		Not applicable
Max. lamp power	W	0
Width in number of modular spacings		2
Built-in depth	mm	69.5
Degree of protection (IP)		IP40

## Dimensions

