DATASHEET - IS-100/1

Main switch, 240/415 V AC, 100A, 1-pole

Part no.	**IS-100/1**
Catalog No.	**276282**
Alternate Catalog No.	**IS-100/1**
EL-Nummer (Norway)	**1460854**

Similar to illustration

Delivery program

Basic function			Main load disconnector switch
Number of poles			1 pole
Application			Switchgear for industrial and advanced commercial applications
Rated current	I_n	A	100
Product range			IS

Technical data

Electrical

Standards			EN 45545-2; IEC 61373

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	3.9
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 8.0

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 (ecl@ss10.0.1-27-14-23-01 [AFZ813014])

Switching function			Other
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Number of poles			1
Rated current		A	100
Rated voltage		V	240
Min. rated voltage		V	240
Rated switching capacity		kA	10
Short-circuit breaking capacity (Icw)		kA	2
Voltage type			AC
With signal lamp			No
Colour calotte			Other
Lamp type			Other
Lamp socket			Other
Max. lamp power		W	0
Width in number of modular spacings			1
Built-in depth		mm	69.5
Degree of protection (IP)			IP40

Imprint/indication				Symbol "arrows"
Forced segregation (according to DIN VDE 0113)				No

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