DATASHEET - IS-100/1



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

Part no. IS-100/1 Catalog No. 276282 Alternate Catalog IS-100/1

No.

EL-Nummer 1460854

(Norway)



Delivery program			
Basic function			Main load disconnector switch
lumber of poles			1 pole
pplication			Switchgear for industrial and advanced commercial applications
lated current	In	Α	100
Product range			IS
Contact sequence			1

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	In	Α	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 Image of contacts as normally open contact Image of contacts as normally closed contact Image of contacts as normally closed contact Image of contacts as change-over contact Image				
Number of contacts as normally closed contact 1 Number of contacts as change-over contact 6 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 C C With signal lamp No No Colour calotte V Other Lamp type Other Other Lamp socket V Other Max. lamp power V 0 Vidth in number of modular spacings N V Built-in depth N N Degree of protection (IP) Nm 0 Inpinit/indication N IP40	Switching function			Other
Number of contacts as change-over contact 0 Number of poles 1 Rated current Mo 100 Rated voltage V 240 Min. rated voltage V 240 Rated switching capacity V 240 Short-circuit breaking capacity (Icw) KA 10 Voltage type KA 2 Vith signal lamp No No Colour calotte Other Other Lamp type Other Other Lamp socket Other Other Mx. slamp power W 0 Vidit in number of modular spacings N 0 Built-in depth S Mm 98.5 Degree of protection (IP) IP40 IP40 Inprint/indication Symbol *arrows* Symbol *arrows*	Number of contacts as normally open contact			1
Number of poles I 1 Rated current I A 100 Rated voltage V 240 Min. rated voltage V 240 Rated switching capacity KA 10 Short-circuit breaking capacity (lcw) KA 2 Voltage type AC AC With signal lamp No Other Colour calotte Other Other Lamp type Other Other Lamp socket V Other Max. lamp power V 0 Other Width in number of modular spacings V 0 1 Built-in depth M 69.5 9 Degree of protection (IP) P P40 Imprint/indication V Symbol 'arrows'	Number of contacts as normally closed contact			1
Rated current A 100 Rated voltage V 240 Min. rated voltage V 240 Rated switching capacity V 240 Short-circuit breaking capacity (lcw) kA 10 Voltage type AC AC With signal lamp No No Colour calotte Other Other Lamp type Other Other Lamp socket Other Other Max. lamp power W 0 Width in number of modular spacings I 1 Built-in depth mm 69.5 Degree of protection (IP) IP40 IP40 Imprint/indication Symbol *arrows*	Number of contacts as change-over contact			0
Rated voltage V 240 Min. rated voltage V 240 Rated switching capacity kA 10 Short-circuit breaking capacity (Icw) kA 2 Voltage type AC AC With signal lamp No Other Colour calotte Other Other Lamp type Other Other Max. lamp power W 0 Within number of modular spacings W 0 Built-in depth mm 69.5 Built-in depth P40 P40 Imprint/indication Symbol "arrows"	Number of poles			1
Min. rated voltage V 240 Rated switching capacity kA 10 Short-circuit breaking capacity (Icw) kA 2 Voltage type AC AC With signal lamp No Other Colour calotte Other Other Lamp type Other Other Lamp socket W 0 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"	Rated current	Α		100
Rated switching capacity Short-circuit breaking capacity (Icw) Voltage type Voltage	Rated voltage	V	1	240
Short-circuit breaking capacity (Icw) Voltage type AC With signal lamp Colour calotte Lamp type Lamp socket Max. lamp power Width in number of modular spacings Built-in depth Degree of protection (IP) Imprint/indication KA 2 AC Other Other Other Other Other Other Other P Other In P40 Symbol "arrows"	Min. rated voltage	V		240
Voltage typeACWith signal lampNoColour calotteOtherLamp typeOtherLamp socketOtherMax. lamp powerW0Width in number of modular spacings1Built-in depthmm69.5Degree of protection (IP)IP40Imprint/indicationSymbol "arrows"	Rated switching capacity	k.A	A	10
With signal lamp Colour calotte Lamp type Lamp socket Max. lamp power Wordth in number of modular spacings Width in number of protection (IP) Imprint/indication No Other Other Other Other Ot	Short-circuit breaking capacity (Icw)	k.A	A	2
Colour calotte Lamp type Camp socket Max. lamp power Width in number of modular spacings Built-in depth Degree of protection (IP) Imprint/indication Other	Voltage type			AC
Lamp typeOtherLamp socketOtherMax. lamp powerW0Width in number of modular spacings1Built-in depthmm69.5Degree of protection (IP)IP40Imprint/indicationSymbol "arrows"	With signal lamp			No
Lamp socket Max. lamp power W 0 Width in number of modular spacings Built-in depth Degree of protection (IP) Imprint/indication Other Other Other Other 1 P 0 Symbol "arrows"	Colour calotte			Other
Max. lamp powerW0Width in number of modular spacings1Built-in depthmm69.5Degree of protection (IP)IP40Imprint/indicationSymbol "arrows"	Lamp type			Other
Width in number of modular spacings 1 Built-in depth mm 69.5 Degree of protection (IP) IP40 Imprint/indication Symbol "arrows"	Lamp socket			Other
Built-in depth mm 69.5 Degree of protection (IP) IP40 Imprint/indication Symbol "arrows"	Max. lamp power	W	V	0
Degree of protection (IP) Imprint/indication IP40 Symbol "arrows"	Width in number of modular spacings			1
Imprint/indication Symbol "arrows"	Built-in depth	m	nm	69.5
	Degree of protection (IP)			IP40
Forced segregation (according to DIN VDE 0113)	Imprint/indication			Symbol "arrows"
	Forced segregation (according to DIN VDE 0113)			No

Dimensions

