## **DATASHEET - IS-16/1**



Main switch, 240/415 V AC, 16A, 1-pole

Part no. IS-16/1 Catalog No. 276254 Alternate Catalog IS-16/1

No.



Delivery program			
Basic function			Main load disconnector switch
Number of poles			1 pole
Application			Switchgear for industrial and advanced commercial applications
Rated current	In	Α	16
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	16

Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0.3
Equipment heat dissipation, current-dependent	$P_{\text{vid}}$	W	0.2
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	0
Operating ambient temperature min.		°C	-5
Operating ambient temperature max.		°C	40

#### **Technical data ETIM 7.0**

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 Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as change-over contact Number of poles Rated current Rated voltage V 240 Min. rated voltage V 240 Rated switching capacity Rated switching capacity Rort-circuit breaking capacity (Icw) V 240 Voltage type Forced segregation (according to DIN VDE 0113) With signal lamp Colour calotte  Other  1  A 16  A 16  A 16  A 16  A 12.5  A 12.5
Number of contacts as normally closed contact  Number of contacts as change-over contact  Number of poles  Rated current  Rated voltage  V  240  Min. rated voltage  V  240  Rated switching capacity  Rated switching capacity (Icw)  KA  2  Voltage type  Forced segregation (according to DIN VDE 0113)  With signal lamp  Number of contacts as normally closed contact  1  A  1  A  16  A  16  A  2  40  A  2  V  No  No  No
Number of contacts as change-over contact  Number of poles  Rated current  A 16  Rated voltage  V 240  Min. rated voltage  V 240  Rated switching capacity  kA 12.5  Short-circuit breaking capacity (Icw)  kA 2  Voltage type  Forced segregation (according to DIN VDE 0113)  With signal lamp  O  No
Number of poles  Rated current  A 16  Rated voltage  V 240  Min. rated voltage  V 240  Rated switching capacity  kA 12.5  Short-circuit breaking capacity (Icw)  kA 2  Voltage type  Forced segregation (according to DIN VDE 0113)  With signal lamp  1  No
Rated current  Rated voltage  V 240  Min. rated voltage  V 240  Rated switching capacity  Short-circuit breaking capacity (Icw)  Voltage type  Forced segregation (according to DIN VDE 0113)  With signal lamp  A 16  A 16  A 16  A 12  A 12  A 12.5  A 2  A 12  A 12
Rated voltage  V 240  Min. rated voltage  V 240  Rated switching capacity  kA 12.5  Short-circuit breaking capacity (Icw)  kA 2  Voltage type  AC  Forced segregation (according to DIN VDE 0113)  With signal lamp  No
Min. rated voltage  Number 240  Rated switching capacity  Rated switching capacity  Short-circuit breaking capacity (Icw)  No  With signal lamp  No  240  kA 12.5  AC  AC  No  No
Rated switching capacity kA 12.5  Short-circuit breaking capacity (Icw) kA 2  Voltage type AC  Forced segregation (according to DIN VDE 0113) No  With signal lamp No
Short-circuit breaking capacity (Icw) kA 2  Voltage type AC  Forced segregation (according to DIN VDE 0113) No  With signal lamp No
Voltage type AC Forced segregation (according to DIN VDE 0113) No With signal lamp No
Forced segregation (according to DIN VDE 0113)  With signal lamp  No
With signal lamp No
Colour calotte
Lamp type
Lamp socket
Max. lamp power W 0
Width in number of modular spacings
Built-in depth mm 69.5
Degree of protection (IP)

## **Dimensions**

