

Part no. **IN32B3-08W**  
 Article no. **123641**

## Delivery program

Product range			Air circuit-breakers/switch-disconnectors
Product range			Open switch-disconnectors
Current Range			4000 to 6300 A
Protective function			without protection
Installation type			Withdrawable
Construction size			IN32
Standard/Approval			IEC
Number of poles			3 pole
Degree of Protection			IP20, IP55 with protective cover
Rated current = rated uninterrupted current	$I_n = I_u$	A	800
up to 440 V 50/60 Hz	$I_{cm}$	kA	55
$t = 1$ s	$I_{cw}$	kA	65

### Notes

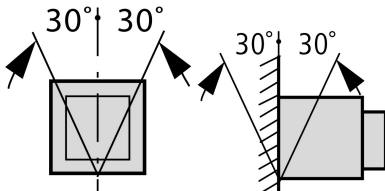
Including rear connection main terminals and secondary terminal blocks according to ordered breaker options.

Note concerning the product

Cassette needs to be ordered separately.

## Technical data

### General

Standards			IEC/EN 60947
Ambient temperature			
Storage	$\theta$	°C	-40 - +70
Operating (open)		°C	-25 - +70
Mounting position			
Utilization category			B
Degree of Protection			IP20, IP55 with protective cover
Direction of incoming supply			as required

### Main conducting paths

Rated current = rated uninterrupted current	$I_n = I_u$	A	800
Rated uninterrupted current at 50 °C	$I_u$	A	800
Rated uninterrupted current at 60 °C	$I_u$	A	800
Rated uninterrupted current at 70 °C	$I_u$	A	800
Rated impulse withstand voltage	$U_{imp}$	V AC	8000
Rated operational voltage	$U_e$	V AC	690
Use in IT electrical power networks up to $U = 440$ V	$I_{IT}$	kA	13
Overvoltage category/pollution degree			III/3
Rated insulation voltage	$U_i$	V	1000

### Switching capacity

Rated short-circuit making capacity	$I_{cm}$		
up to 440 V 50/60 Hz	$I_{cm}$	kA	55
up to 690 V 50/60 Hz	$I_{cm}$	kA	143
Rated short-time withstand current 50/60 Hz			
$t = 1$ s	$I_{cw}$	kA	65

Operating times			
Closing delay via spring release	ms	35	
Break times	ms	40	
Total opening delay via shunt release	ms	30	
Total opening delay via undervoltage release	ms	35/70	
Maximum operating frequency	Ops./h		
Maximum operating frequency	Operations/h	60	
Heat dissipation at rated current I <sub>n</sub>			
Fixed mounting	W	40	
Withdrawable units (switch with cassette)	W	85	

Weight

Fixed mounting			
3-pole	kg	58	
4-pole	kg	72	
Withdrawable			
3-pole	kg	70	
4-pole	kg	88	
Cassette			
3 pole	kg	34	
4 pole	kg	38	

Terminal capacities

Copper bar			
Fixed mounting			
Black	mm	2 x 5 x 50	
Withdrawable units			
Black	mm	2 x 5 x 50	
Permissible continuous current for circuit-breakers operating in switchboards at various internal ambient temperatures. The switchboard's internal ambient temperature should be estimated using the calculation methods of IEC regulation.			

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.	°C	-25	
Operating ambient temperature max.	°C	70	

Dimensions

