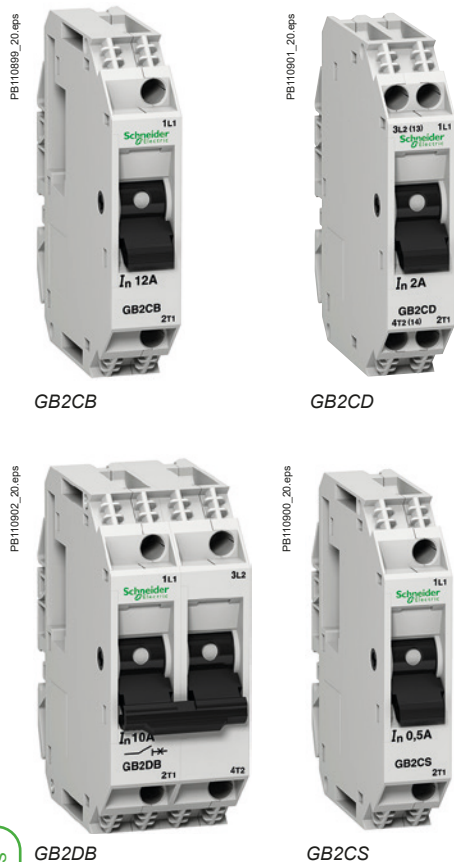




Introduction

Modular thermal-magnetic circuit breakers protect and isolate the control circuits of industrial equipment with contactor coils, transformers....

They protect and isolate single-phase auxiliary circuits such as solenoid valves, electro-brakes, battery chargers, supplied from the control circuit voltage.

Ref. GB2CB, GB2CD, GB2DB

12 ratings are available, from 0.5 to 20 A, in single-pole (GB2CB), single-pole + neutral (GB2CD) and 2-pole (GB2DB) versions.

They have a magnetic tripping threshold set at between 12 and 16 In to withstand the current peaks generated by many industrial components.

Ref. GB2CS

2 ratings are available, 0.5 and 1 A, in single-pole version.

The magnetic tripping threshold is set between 5 and 7 In.

Functions, installation

Clip-on fixing onto all types of 35 mm rails, on rails and on Telequick mounting plates.

Upstream and downstream marking by means of AB1 clip-in markers.

Clear indication of "I" and "O" positions on the operator.

Tamper-proof device which requires no special maintenance (fixed magnetic and thermal tripping thresholds).

Selection for the protection of circuits supplied by transformers

Single-phase transformers.

Magnetising peak: 20 In.

Operation of magnetic trips: 13 In.

Power VA	Primary ⁽¹⁾		Secondary			
	220/240 V	380/415 V	24 V	48 V	110 V	220 V
40	GB2DB05	GB2DB05	GB2CD07	GB2CD06	GB2CD05	GB2CD05
63	GB2DB05	GB2DB05	GB2CD08	GB2CD07	GB2CD06	GB2CD05
100	GB2DB06	GB2DB05	GB2CD10	GB2CD07	GB2CD06	GB2CD05
160	GB2DB07	GB2DB06	GB2CD14	GB2CD09	GB2CD07	GB2CD06
250	GB2DB07	GB2DB06	GB2CD16	GB2CD12	GB2CD08	GB2CD07
400	GB2DB08		GB2CD22	GB2CD14	GB2CD09	GB2CD07
630	GB2DB10	GB2DB08	—	GB2CD21	GB2CD12	GB2CD08
1000	GB2DB14	GB2DB09	—	—	GB2CD16	GB2CD10
1600	GB2DB20	GB2DB14	—	—	—	GB2CD14
2000	GB2DB21	GB2DB14	—	—	GB2CD22	GB2CD16
2500	GB2DB22	GB2DB20	—	—	—	GB2CD20
3000	GB2DB22	GB2DB20	—	—	—	GB2CD21
4000	—	GB2DB21	—	—	—	GB2CD22
5000	—	GB2DB22	—	—	—	—

⁽¹⁾ If the breaking capacity of the **GB2** is insufficient, use a **GV2RT** with 2 poles connected in series.

Circuit breakers with magnetic tripping threshold: 5 to 7 In



GB2CS●●

Single-pole			
Conventional rated thermal current Ith ⁽¹⁾	Magnetic tripping current Id ± 20 %	Sold in lots of	Unit reference
A	A		
0.5	3.3	6	GB2CS05
1	6	6	GB2CS06

(1) Conforming to IEC 60947-1.

Accessories for circuit breakers ref. GB2-CB, DB and CS



GB2G210

Description	Sold in lots of	Unit reference
Busbar set for supply to 10 GB2 DB or 20 GB2CB or GB2CS with 2 connectors	1	GB2G210