

Group central GCD-10

Manual

English



For support and information:



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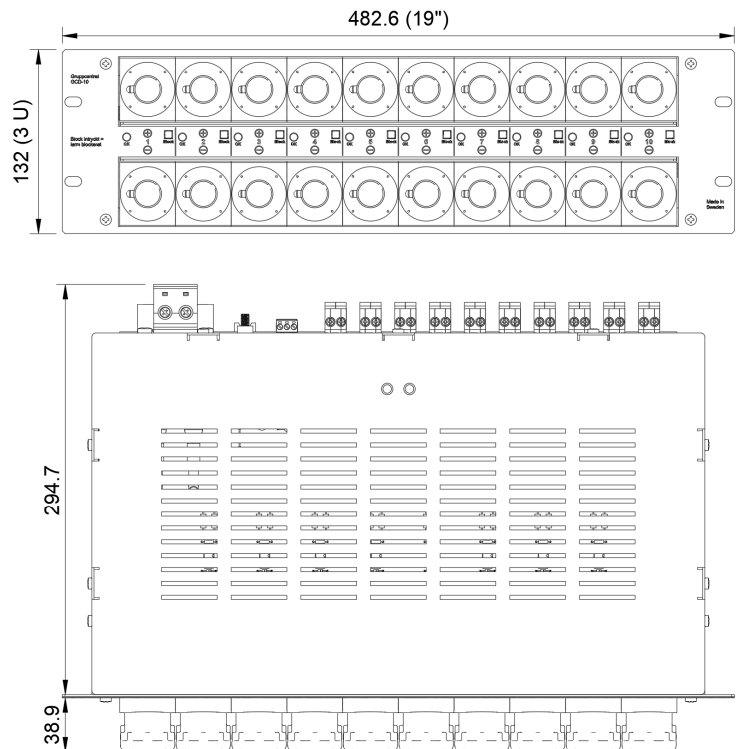
Description

GCD-10 is a group central for DC voltage. Equipped with diazed fuses in size DII. Each output (group) is protected by a fuse and has zero-voltage monitoring. When there is voltage on an output it is indicated with a corresponding green lit indicator "OK". If one or more fuses are tripped (i.e. no voltage on one or more outputs) the sum alarm relay will switch to alarm position. The alarm signal from each output which triggers the alarm relay can be blocked with a corresponding switch. Each alarm signal is blocked when the switch is in pressed/inwards position.

Terminals

IN -/+	DC-in
B	Sum alarm relay NO (Open from C when alarm active)
S	Sum alarm relay NC (Closed against C when alarm active)
G	Sum alarm relay C (Common)
G1 -/+	Group 1 (-) and (+) DC-out
G2 -/+	Group 2 (-) and (+) DC-out
G3 -/+	Group 3 (-) and (+) DC-out
G4 -/+	Group 4 (-) and (+) DC-out
G5 -/+	Group 5 (-) and (+) DC-out
G6 -/+	Group 6 (-) and (+) DC-out
G7 -/+	Group 7 (-) and (+) DC-out
G8 -/+	Group 8 (-) and (+) DC-out
G9 -/+	Group 9 (-) and (+) DC-out
G10 -/+	Group 10 (-) and (+) DC-out

Protective earth



Technical data

System voltages	12, 24, 36, 48, 60, 72, 110, 120, 220 VDC.
Number of groups	10 pcs. 2-pole.
Fuse type diazed	DII max 25 A.
Max input current	63 A.
Indicators	Lit green when voltage detected and unlit when no voltage.
Input terminal	Pluggable, Phoenix Contact PC 35 HC/ 2-STF-15,00, 0.5-35 mm ² .
Output terminals, each group	Pluggable, Phoenix Contact IPC 5/ 2-ST-7,62, 0.2-6 mm ² .
Alarm terminal	Pluggable, Phoenix Contact MSTB 2,5/ 3-ST, 0.2-2.5 mm ² .
Alarm terminal max current	12A/250VAC, 8A/20VDC DC1, 0.9A/60VDC DC1, 0.12A/220VDC DC1.
Ingress protection	IP 20.
Color	Front panel in silver color.
Options	- External cable harness with or without end terminals. - Current ratings on fuse inserts/fuses according to requirements. - Can be delivered without fuse inserts/fuses.
Approvals	CE-approved.