Data sheet: Rev. No.01

DC-Load break switch
Series S5000 – 630A 750V DC 21B



Picture is an examples

Standards: IEC 60947-1 & 3

Quality

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
TÜVRheinland CERTIFIED
www.tuv.com
ID 9105072142

Testing as per IEC 60947-3. Approvals

Austrian Institute of Technology

AUSTRIAN INSTITUTE OF TECHNOLOGY
TOMORROW TODAY

Electrical data (according to IEC 60947-3)

Thermal current Ith (40 to 50°C)	**630A**
hermal current Ith (60°C)	**500A**
Rated insulation voltage Ui (Vdc)	1000
Rated impulse withstand voltage Uimp (kV)	12

DC Rated ON LOAD operational current Ie (A)

Voltage (DC)	Category of operation	Ie
750V	DC21B	630

*** Please consult for other voltages and/or category of operation*

Short-circuit behavior

Short circuit making capacity kA(peak)	Icm	26kA
Short-time withstand current 1 sec(rms)	Icw	16kA

Connection capacity

Bar (Thickness / Width) (mm)	5/30
Rigid cable (mm²)	2x240
Max. Connecting copper bar (mm)	2x5x50
Tightening torque (N-m)	24

Mechanical data

Minimum number of operations (as per standard) without load	5000
Maximum weight (without links) (kg)	4,5

Per Pole contact detail

Rated Operational Voltage(Per Pole) 250V DC

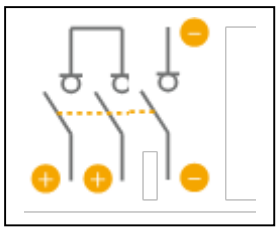
Codes

Switch code
S5-06303PR009

Note: Bridging links to be assembled by customer

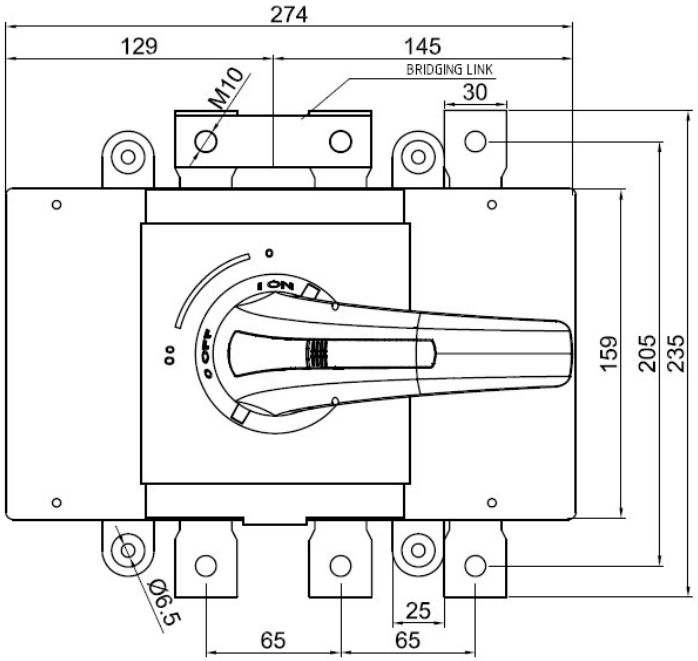
Accessories

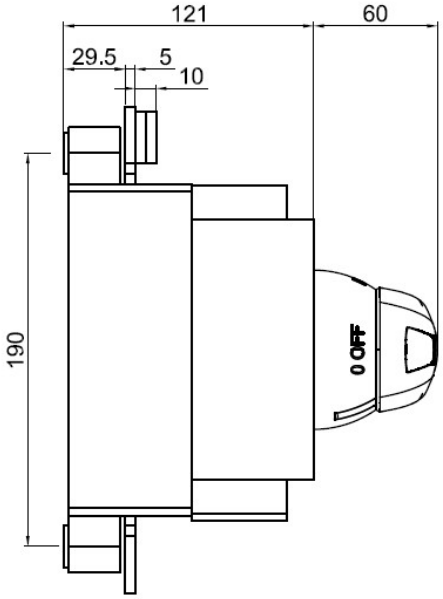
Direct handle DS-LI21
Bridging link GT-DS-PI21 – 2 Units

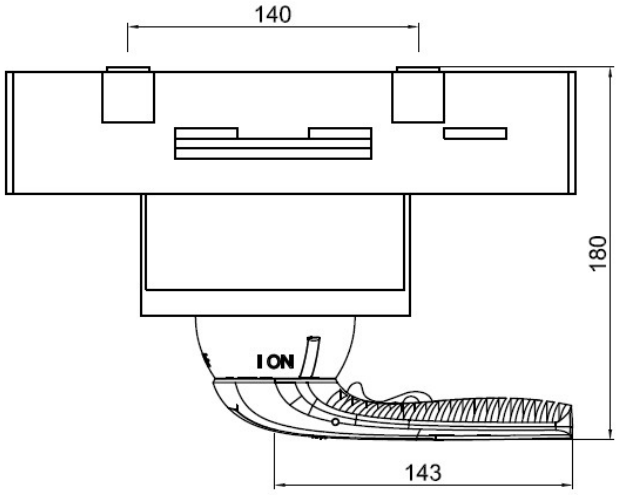


You will find detailed information about our products on our web site www.india.gorlan.com

Dimension


274
129
145
BRIDGING LINK
30
M10
ON
OFF
159
205
235
Ø6.5
25
65
65


121
60
29.5
5
10
190
OFF


140
180
ON
143