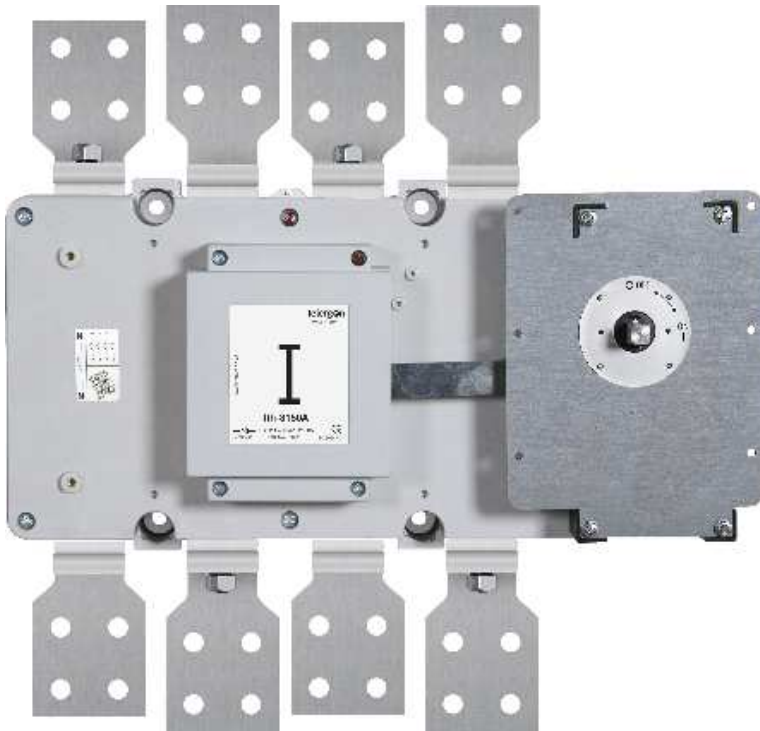


Data sheet:

AC-Load break switch Model S5000 – 3150A



Electrical data (according to IEC 60947-3)

Thermal current I_{th} (-30 to 50 °C) **3150A**

Rated insulation voltage U_i (V) 1000
Rated impulse withstand voltage U_{imp} (kV) 8

AC Rated operational current I_e (A)

| Voltage (C) | Category of operation | I _e |
|-------------|-----------------------|----------------|
| 400 V | AC21A | 3150 |
| | AC22A | 3150 |
| 500 V | AC21A | 3150 |
| | AC22A | 2500 |

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

Short-circuit behaviour

| | |
|--|-------|
| Short-circuit making capacity (peak value) I _{cm} | 100kA |
| Short-time withstand current (1 sec) (rms) I _{cw} | 50kA |
| Conditional short-circuit current (rms value) | |
| Maximum cut-off current (peak value) | |

Connection capacity

| | |
|---------------------------------|----------|
| Bar (Thickness / Width) (mm) | 3x12/100 |
| Rigid cable (mm ²) | |
| Max. Connecting copper bar (mm) | 100 |
| Tightening torque (N·m) | 45 |

Standards. IEC 60947-1 & 3

Quality Telergon, S.A.U.

ISO 9001 & 14001



Management System
ISO 9001:2008
ISO 14001:2004
www.tuv.com
ID 9105053481

Testing as per IEC 60947-3. Approvals

IPH Berlin



Mechanical data

| | |
|---|-------|
| Minimum number of operations (as per standard) without load | 2500 |
| Maximum weight (4 pole molded case) (kg) | 50/58 |

Codes

| Case size (A) | Poles | Code | Code for direct handle |
|---------------|----------|-------------|------------------------|
| Size 5 | 3P | S5-31503PP0 | DS-LI41 |
| Size 5 | 4P(3P+N) | S5-31503NP0 | DS-LI41 |

Accessories

| | | |
|-------------------|---------|---------|
| Panel handle | DS-LA41 | DS-LA41 |
| Auxiliary contact | DS-AU11 | |

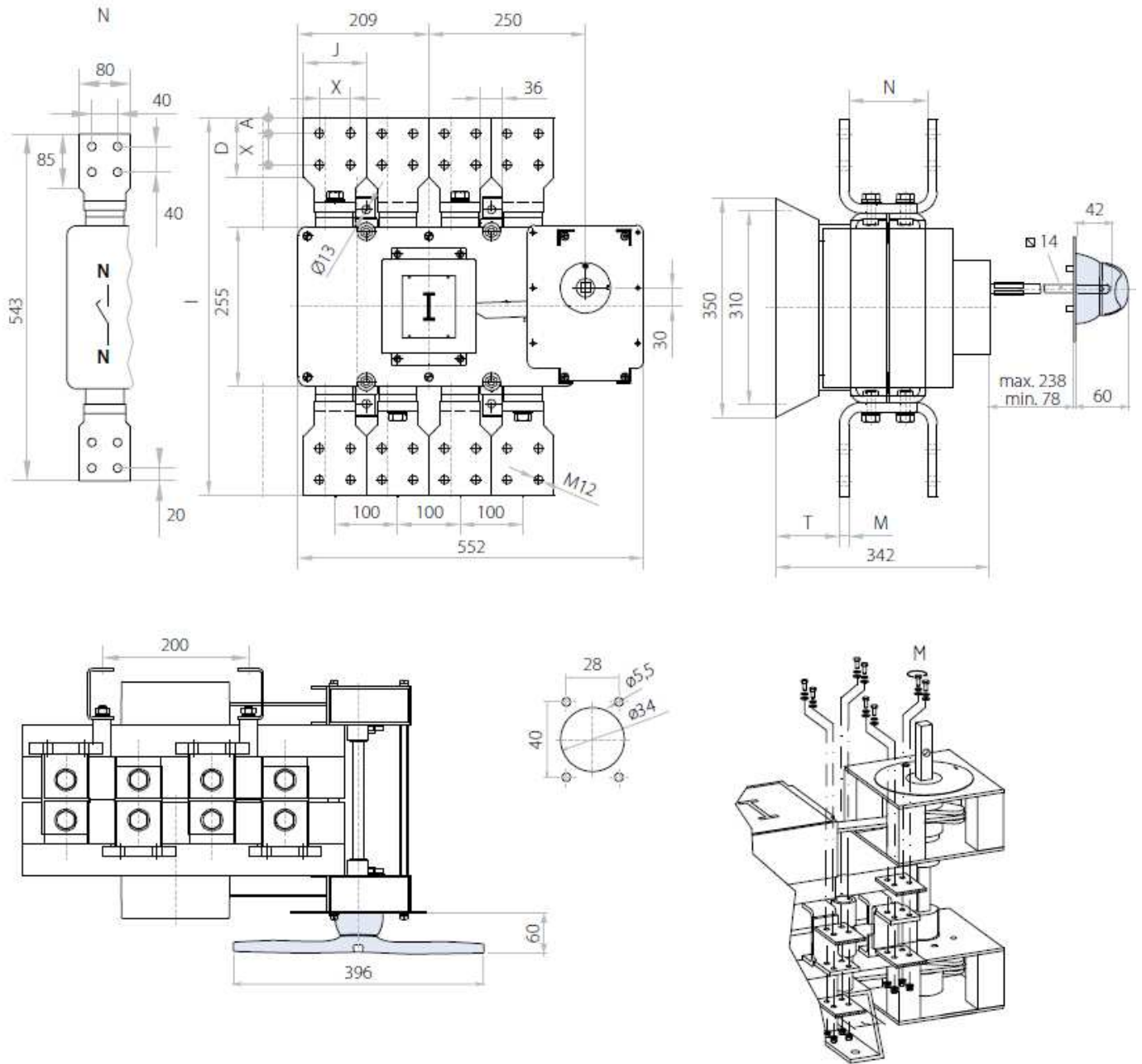
You will find detailed information about our products on our web site www.telergon.es



AC Switch-Disconnecter
S5-31503PP0
S5-31503NP0

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Dimensions



| S5000 | Ith | I | X | T | S min. (Cu) mm ² | M | L | |
|-------|-------|------|----|------|--------------------------------|-----|-------------------|-------------------|
| | | | | | | | H max. (Cu) mm | L max. (Cu) mm |
| 5 | 3150A | 44.1 | 40 | 14.1 | 3000 | M14 | 55 | 80 |

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