

# AIR CIRCUIT-BREAKERS

## SACE Formula Air

### Simplicity and safety, up to 50kA

Formula Air is an ideal solution for main installation requirements, from distribution switchboards to onboard compartments. This comprehensive range offers the most suitable solution for each specific set of requirements. Easy to use Formula Air products are also easy to order.

Possibility to change, on site, the orientation of the rear terminals from horizontal to vertical or vice versa which allows adaptability to accommodate last minutes changes busbar design.

Front terminals are available for breakers up to 1600A in fixed version to have switchboard with compact dimensions.

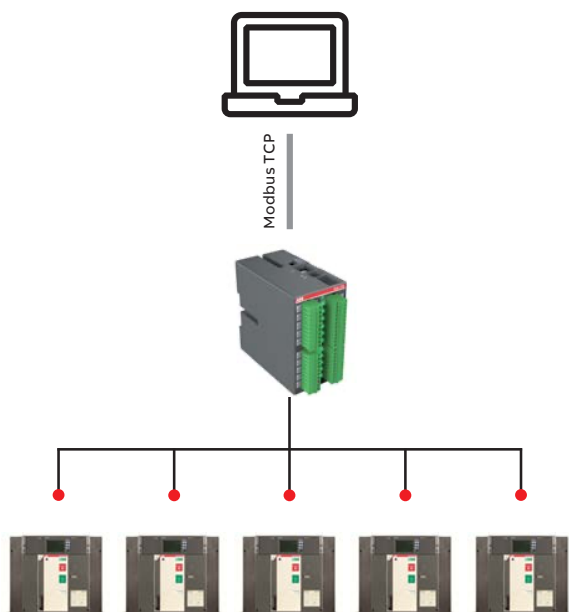
With High Mechanical and electrical life Formula Air circuit breakers offer high longevity to the installation.

The ACBs are available in 3 sizes up to 4000A with performance level up to 50kA which are equipped with Ek 1 and Ek 2 trip units.



#### Ratings available

Frame	630A	800A	1000A	1250A	1600A	2000A	2500A	3200A	4000A
FA1	•	•	•	•	•				
FA2						•	•		
FA4								•	•



Communication made easy. Formula Air circuit breakers can communicate the status on Modbus TCP protocol through a Ekip signalling 10k signalling module. It can control up to 5 ACBs and communicate status of 5 breakers.



#### Protection releases

Parameters	EK 1 - LI	EK1-LSIG	EK2-LSIG
Neutral protection	•	•	•
Switchable thermal memory	•	•	•
Graphical display with current metering			•
Closing on short-circuit (MCR)			•
Start-up function			•
Instantaneous earth fault (G-ANSI 50N)			•
Current unbalance protection			•
Watchdog function	•	•	•
Contact wear Indication			•
Display of No. of operation			•
Display of last maintenance date			•
Zone Selectivity for S & G protections			•
Display of 20 trip history & 100 events			•
Test function	•	•	•
Download breaker maintenance data from ACB	•	•	•