

## Auxiliary Contacts, OF/SD

The common-point changeover contacts provide remote circuit-breaker status information, they can be used for indication, electrical locking, relaying, etc, comply with IEC60947-5 international recommendation.

A single type of contact provides all the different indication functions:

- OF (On/Off) indicates the position of the circuit breaker contacts;
- SD (trip indication) indicates that the circuit breaker has tripped due to
  - an overload
  - a short-circuit
  - operation of a voltage release
  - operation of the "push to trip" button
  - disconnection when the device is On

Electrical characteristics of auxiliary contacts

Contacts		Standard				Low level			
		AC12	AC15	DC12	DC14	AC12	AC15	DC12	DC14
Type of contacts		All				OF, SD			
Rated thermal current, A		6				5			
Minimum load		100mA at 24VDC				1mA at 4VDC			
Utilisation cat. (IEC60947-5-1)		AC12	AC15	DC12	DC14	AC12	AC15	DC12	DC14
Operational Current, A	24V AC/DC	6	6	6	1	5	3	5	1
	48V AC/DC	6	6	2.5	0.2	5	3	2.5	0.2
	110V AC/DC	6	5	0.6	0.05	5	2.5	0.6	0.05
	220/240V AC	6	4	-	-	5	2	-	-
	250V DC	-	-	0.3	0.03	5	-	0.3	0.03
	380/440V AC	6	2	-	-	5	1.5	-	-
	480V AC	6	1.5	-	-	5	1	-	-
	660/690V AC	6	0.1	-	-	-	-	-	-



OF/SD