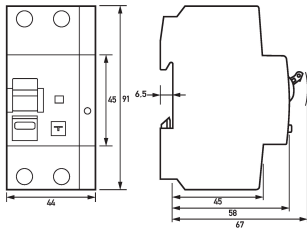


Technical Data	DRCBO 4 C25/0,03/1N-HP
max. Operating voltage range of test circuit	250 V
Minimum rated operating voltage (Type A/AC operation)	0 V AC
Minimum rated operating voltage (Type B operation)	50 V AC
Non-trip time	15 ms
Tripping frequency	0 Hz ... 20 kHz
Maximum disconnection times	$1 \cdot I\Delta n: \leq 300 \text{ ms}; 5 \cdot I\Delta n: \leq 40 \text{ ms}$
Tripping characteristic	C
Supply side	up
Operating voltage (AC)	max. 253 V
Internal consumption	max. 1.3 W
	load circuit
Specification	load disconnect contact
Rated voltage (AC)	230 V
Rated current (AC)	25 A
Rated short-circuit current	6 kA
Surge current strength	3 kA
max. Total rated switching capacity	6 kA
Rated insulation voltage	440 V
Rated impulse withstand voltage	4 kV
Rated frequency	50 Hz
Current heat loss per current path	4.3 W
Back-up fuse type	gG
Overvoltage class	III
	screw-type terminal top, bottom (load circuit)
Neutral conductor position	right
Connection C1 Maximum number of conductors per terminal	2 (conductors of same type and cross-section)
Cross section solid	1-wire: 1 mm ² ... 35 mm ² ; 2-wire: 1 mm ² ... 10 mm ²
Connecting capacity flexible	1-wire: 1 mm ² ... 25 mm ² ; 2-wire: 1 mm ² ... 10 mm ²
Cross section stranded	1-wire: 1 mm ² ... 25 mm ² ; 2-wire: 1 mm ² ... 10 mm ²
Tightening torque	2 Nm ... 2.4 Nm
	General data
Operating position	optional
Mechanical endurance	min. 4000 cycles
Electrical endurance	min. 2000 switching cycles
Ambient temperature	-25 °C ... 40 °C
Climate resistance	according to IEC 60068-2-30
Housing type	distribution board housing
Installation type	Mounting rail (35 mm)
Housing material	thermoplastic
Protection class	IP20 (installed: IP40)
Width	44 mm
Height	91 mm
Depth	73.5 mm
Installation depth	67 mm

Subject to technical changes

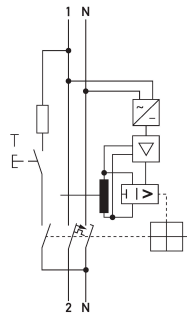
Technical Data	DRCBO 4 C25/0,03/1N-HP
Module widths	2.5
Weight	0.278 kg
Design requirements/Standards	VDE 0664-20, VDE 0664-40, VDE 0664-401, EN 61009-1, EN 62423, ÖVE/ÖNORM E 8601
Power limitation category	3
Degree of pollution	2

Dimensions



Dimensional drawing Group view

Wiring example



Wiring diagram