

Residual Current Circuit Breaker 10kA, 40A, 4-pole, 100mA, S/A/V

Neutral left, RCCB, Series AMPARO, Product category A, Type S (selektiv), Product standard EN 61008-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2017, EN 61008-2-1:1994 + A11:1998, IEC 61008-1, IEC 61008-2-1, AS/NZS 61008.1



Schrack-Info

- Triggered state indication (red)
- Dual function terminals on both sides
- Terminal cross section: 2.5 - 35mm²
- Type A instantaneous: VDE certified
- Neutral conductor left

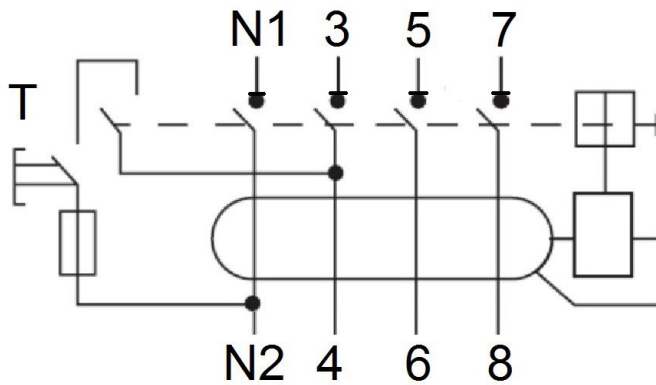
Technical Data

Standard	IEC 61008-1 EN 61008-1
Product category	A
Type	S (selektiv)
Rated current (A)	40
Rated sensitivity I Δ n (mA)	100
Poles	N+3

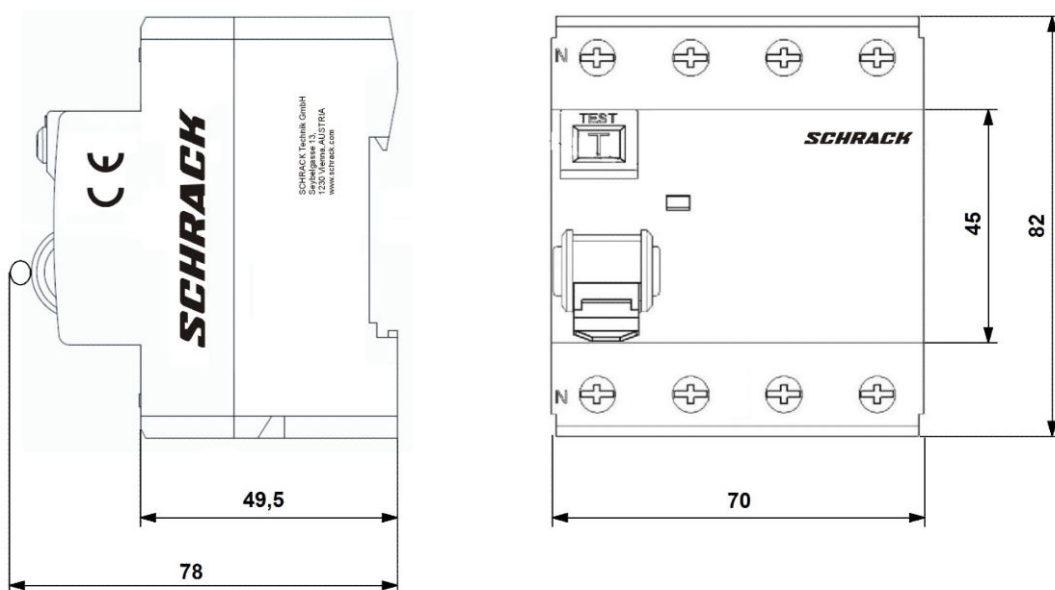
Technical Data - continued

Rated voltage	230/400V AC 4-polig
Rated frequency (Hz)	50/ 60
Breaking capacity Im (A)	500
Short circuit withstand	10 kA
Rated impulse withstand voltage Uimp	6kV
Dielectric test voltage at ind. Frequency (V)	2500
Insulation voltage	500 V
Max. permissible back-up fuse against short circuit (A gG)	63
Max. allowed back-up fuse against thermal overload	40A(vorsicherungsfest): 40A gG
Trigger time S	IΔn: ≥130ms and ≤500ms 5 x IΔn: ≥50ms and ≤150ms ≥5 x IΔn: ≥40ms and ≤150ms 2 x IΔn: ≥60ms and ≤200ms
Non-tripping residual current	≤0,5 IΔn
Power loss (W)	22,50
Pollution degree	2
Lifetime, electric	2000 Operations
Lifespan, mechanical	2000 Operations
Display technology	red if triggered
IP Rating	IP20
Terminal cross section (mm²)	1,5 - 25
Conductor material	Copper
Torque	2.5 Nm
Terminal type	Lift clamp cable / pin busbar
Ambient temperature Open (°C)	-25°C bis +55
Mounting	On DIN rail according to EN 60715 (35mm) via quick mounting clip
Certificates	VDE for type A in 2 pole version

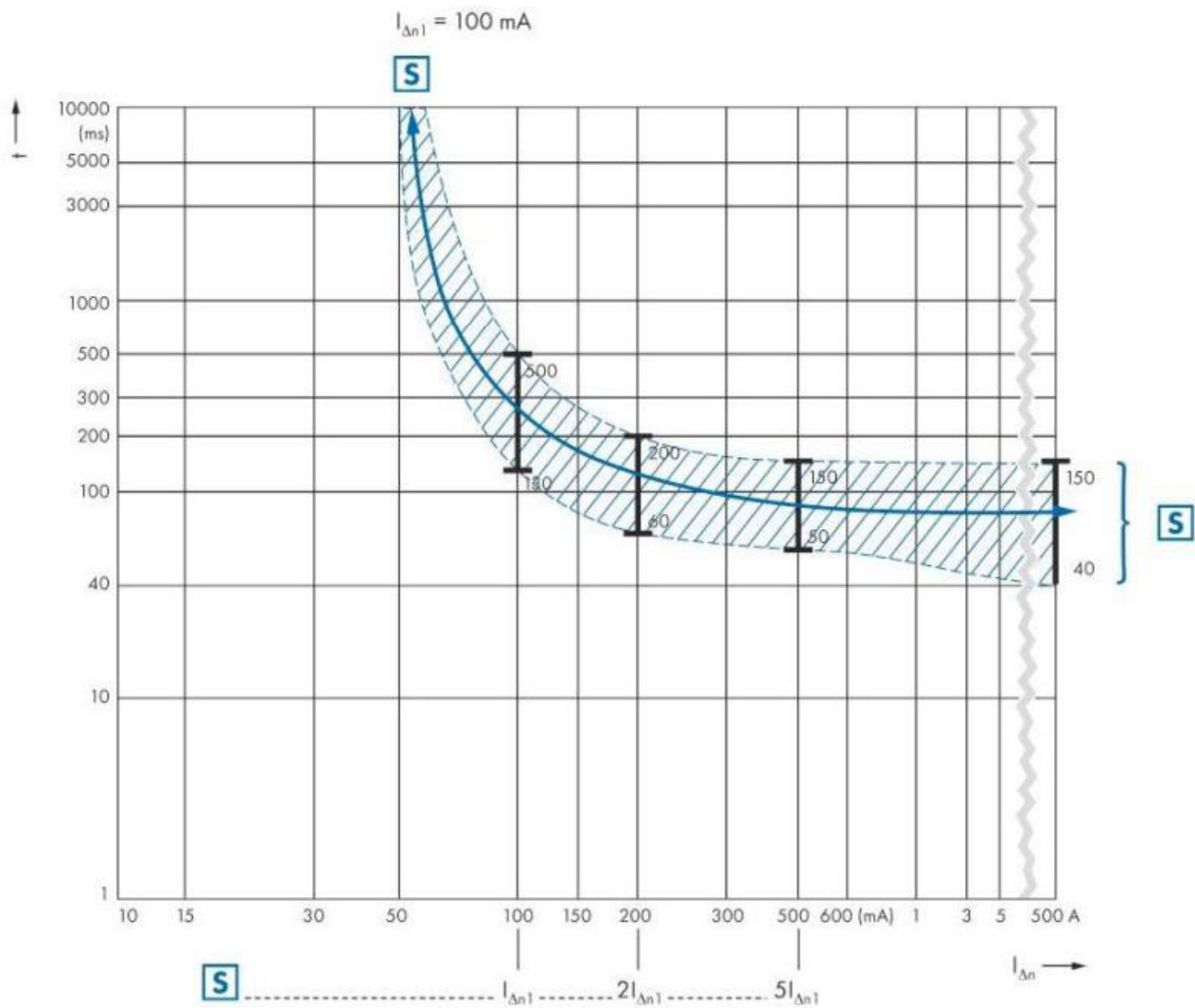
Schaltbild



Maßbild



Auslösekennlinie



zulässige Klemmung

Cross-section [mm ²]	Number of rigid single wire conductors					
	1	2	3	4	5	6
1	+	+	+	+	-	-
1,5	+	+	+	+	-	-
2,5	+	+	-	+	-	-
4	+	+	+	+	-	-
6	+	+	+	+	-	-

Cross-section [mm ²]	Number of rigid multi wire conductors					
	1	2	3	4	5	6
10	+	+	+	-	-	-
16	+	+	-	-	-	-
25	+	-	-	-	-	-
35	+	-	-	-	-	-

Cross-section [mm ²]	Number of flexible single wire conductors (without ferrule)					
	1	2	3	4	5	6
1	+	+	+	+	+	+
1,5	+	+	+	+	+	+
2,5	+	+	+	+	-	-
4	+	+	+	-	-	-
6	+	+	-	-	-	-
10	+	+	+	-	-	-
16	+	+	-	-	-	-
25	+	-	-	-	-	-
35	+	-	-	-	-	-

Cross-section [mm ²]	Number of flexible single wire conductors (with ferrule)					
	1	2	3	4	5	6
1	+	-	-	-	-	-
1,5	+	-	-	-	-	-
2,5	+	-	-	-	-	-
4	+	-	-	-	-	-
6	+	-	-	-	-	-
10	+	-	-	-	-	-
16	+	-	-	-	-	-
25	+	-	-	-	-	-
35	-	-	-	-	-	-

Article Table

DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
Residual Current Circuit Breaker 10kA, 40A, 4-pole, 100mA, S/A/V Neutral left, RCCB, Series AMPARO, Product category A, Type S (selektiv), Product standard EN 61008-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2017, EN 61008-2-1:1994 + A11:1998, IEC 61008-1, IEC 61008-2-1, AS/NZS 61008.1		AR064410
Optional Accessories		
Busbar, 1xRCCB 4-pole, 8 MCB 1+N/1 MW, 12MW Compact-Busbar, suitable for products of AMPARO series, Pin version, 4-pole, not possible to break off, the shortening is not possible, no end caps required	146	BSA90170
Small Connect Pin Busbar 1-pole, 10mm ² MCB 1+N/1 MW, 1m, blue Break-out, shortenable on both sides, TE=17.8mm, suitable for products in the AMPARO and BC, BM, BO, BS series	249	BSA90120
Small Connect Pin Busbar 3-pole, 10mm ² MCB 1+N/1 MW, 1m Break-out, shortenable on both sides, TE=17.8mm, suitable for products in the AMPARO and BC, BM, BO, BS series	530	BSA90121