

Data Sheet for Article: AK268610--

Combined MCB/RCD (RCBO)1+N, AMPARO 6kA, B10A, 30mA, Typ A, G

Neutral left, Product category A, Type G, Product standard EN 61009-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2016, EN 61009-2-1:1994 + A11:1998, IEC 61009-1, IEC 61009-2-1



Technical Data

Standard	IEC 61009-1 EN 61009-1
Product category	A
Type	delayed
Rated sensitivity $I_{\Delta n}$ (mA)	30
Tripping characteristics	B
Rated current (A)	10
Amperage (A)	10
Rated residual current (mA)	30
Poles	N+1
Rated voltage	230V-AC
Rated frequency (Hz)	50
Energy limiting class	2
Breaking capacity I_m (A)	500

Technical Data - continued

Short circuit withstand	6 kA
Rated breaking capacity (kA)	6
Rated impulse withstand voltage Uimp	6kV
Dielectric test voltage at ind. Frequency (V)	2000
Insulation voltage	500 V
Max. permissible back-up fuse against short circuit (A gG)	63
Trigger time undelayed	$\geq 5 \times I_{\Delta n}$: $\leq 40\text{ms}$ $2 \times I_{\Delta n}$: $\leq 150\text{ms}$ $I_{\Delta n}$: $\leq 300\text{ms}$
Non-tripping residual current	$\leq 0,5 I_{\Delta n}$
Power loss (W)	4,99
Pollution degree	2
Lifetime, electric	2000 Operations
Lifespan, mechanical	2000 Operations
Contact setting display	Yes
IP Rating	IP20
Terminal cross section (mm ²)	1-25
Clamp size for busbar	10 mm ²
Conductor material	Copper
Torque	2 Nm
Infeed	two-sided
Terminal type	Double function clamp / pin and fork busbar (bottom) Lift clamp cable / pin busbar (top)
Reference temperature (°C)	30
Ambient temperature Open (°C)	-25°C bis +70
Mounting	On DIN rail according to EN 60715 (35mm) via quick mounting clip
Optional Accessories	AM900099--;BSB00111- A;BSB00112--;BSA90154--;BSA90153--;BSA90161--;BSA90162--
Series	AMPARO

Article Table

DESCRIPTION	COPPER WEIGHT (kg/km)	Order No.
Combined MCB/RCD (RCBO) 1+N, AMPARO 6kA, B10A, 30mA, Typ A, G Neutral left, Product category A, Type G, Product standard EN 61009-1:2012 + A1:2014 + A2:2014 + A11:2015 + A12:2016, EN 61009-2-1:1994 + A11:1998, IEC 61009-1, IEC 61009-2-1		AK268610
Optional Accessories		
Auxiliary Contact 1CO, series AMPARO snap-on Product category AM6, Product standard EN 60947-5-1:2017		AM900099
Busbar fork 2-pole, 10mm ² , 1m Not possible to break off, shortenable on both sides, TE=17.8mm	330	BSB00111-A
Busbar fork 2-pole, 16mm ² , 1m Not possible to break off, shortenable on both sides, TE=17.8mm	485	BSB00112
Busbar 2-pole, 6xMCB N+1, 12MW Compact-Busbar, suitable for products of AMPARO series, Forkbusbar, 2-pole, not possible to break off, the shortening is not possible, no end caps required	75	BSA90154
Busbar 4-pole, 6xMCB N+1, 12MW Compact-Busbar, suitable for products of AMPARO series, Forkbusbar, 4-pole, not possible to break off, the shortening is not possible, no end caps required	165	BSA90153
Busbar 2-pole, 1xRCCB 2-pole, 6 MCB N+1/1 MW, 8MW Compact-Busbar, Fork-/Pinbusbar, 2-pole, not possible to break off, the shortening is not possible, no end caps required, for AMPARO series	78	BSA90161
Busbar 2-pole, 12xMCB N+1/1 MW, 12MW Compact-Busbar, suitable for N+1/1 MW MCBs of AMPARO series, Forkbusbar, 2-pole, not possible to break off, the shortening is not possible, no end caps required	81	BSA90162