

Dátový list pre produkt: AK868816--

Prúd. chránič s ističom, B/ 16A, 300mA, 3+N, typ A, 6kA

Nulový vodič vpravo, typ A, bez oneskorenia, spĺňa normy 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



Schrack Info

- Double lift terminals on the lower side
- Back terminal protection for safe connection
- Terminal cross-section: 1 - 25mm²
- Switch position indicator

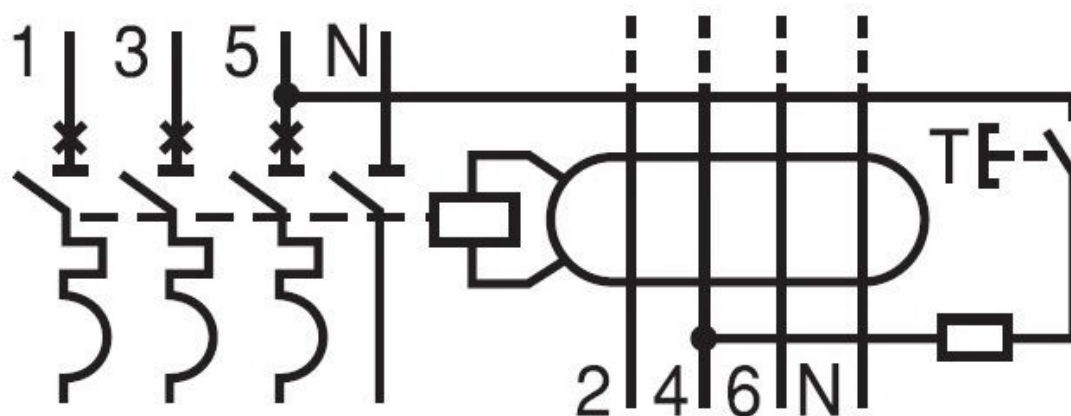
Technické informácie

Norma	EN 61009
Typ produktu	A (pulzný prúd)
Typ	bez oneskorenia
Menovitá citlivosť I _{Δn} (mA)	300
Vypínacia charakteristika	B
Menovitý prúd (A)	16
Menovitý prúd (A)	16
Počet pólov	3+N

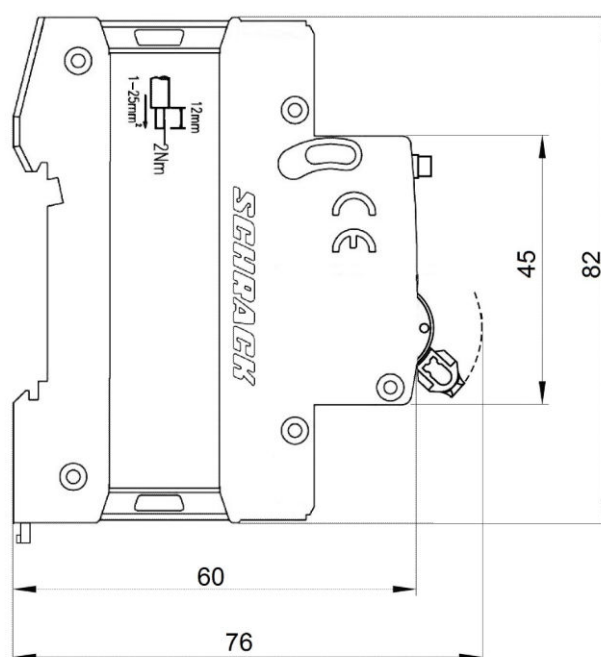
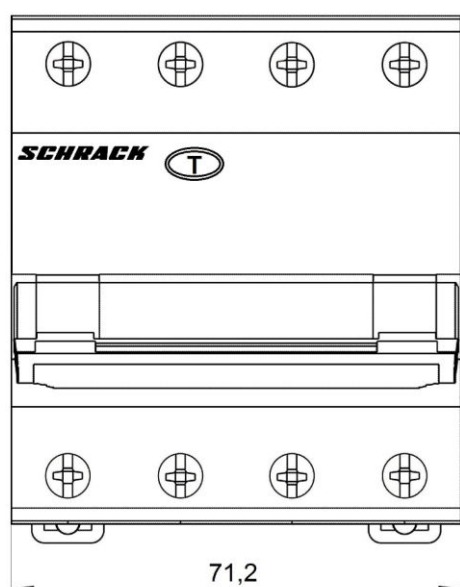
Technické informácie - Pokračovanie

Menovité napätie	230/400 V AC
Menovitá frekvencia (Hz)	50/ 60
Trieda selektivity	3
Menovitá spínacia schopnosť Im (A)	3000
Skratová odolnosť	6 kA
Menovitá vypínacia schopnosť (kA)	6
Menovitá odolnosť proti rázovému napätiu Uimp	4kV
Elektrické skúšobné napätie pri ind. frekvencii (V)	2000
Izolačné napätie	500 V
Max. prípustná záložná poistka proti skratu (A gG)	63
Spúšťací čas neoneskorený	≤0,1 s
Stratový výkon (W)	13,80
Stupeň znečistenia	2
Životnosť, elektrická	2000 spínacích cyklov
Životnosť, mechanická	10000 spínacích cyklov
Nastavenie displeja	áno
Krytie	IP20
Prierez svoriek (mm ²)	1-25
Veľkosť svorky pre prípojnicu	10 mm ²
Materiál vodiča	meď
Krútiaci moment	2 Nm
Napájanie	obojsmerný
Svorky	Dvojitá funkčná svorka / kolíková a vidlicová prípojnica
Referenčná teplota (°C)	30
Teplota okolia - otvorené (°C)	-25°C bis +60
Montáž	upínacia, na montážnu lištu
Voliteľné príslušenstvo	AM900099--
Séria	Amparo

Circuit diagram

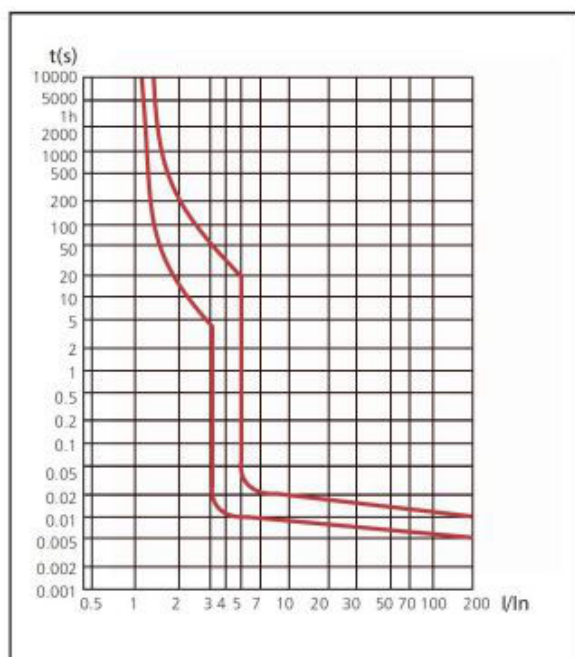


Dimensions



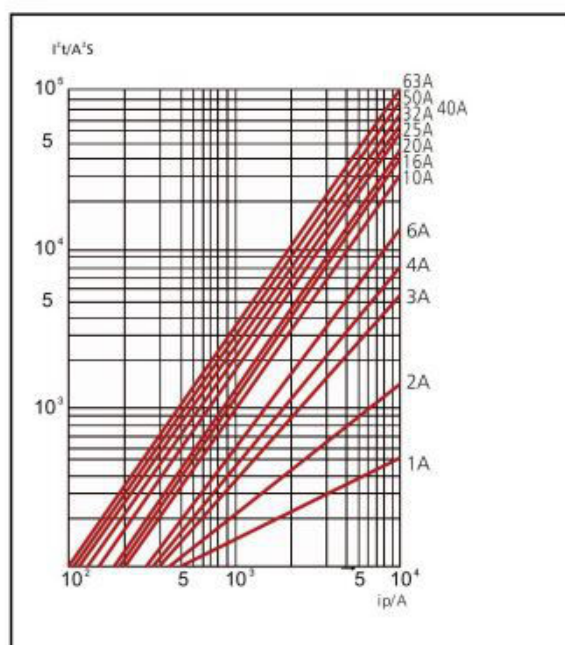
Tripping characteristic according to IEC 60898

Kennlinie B

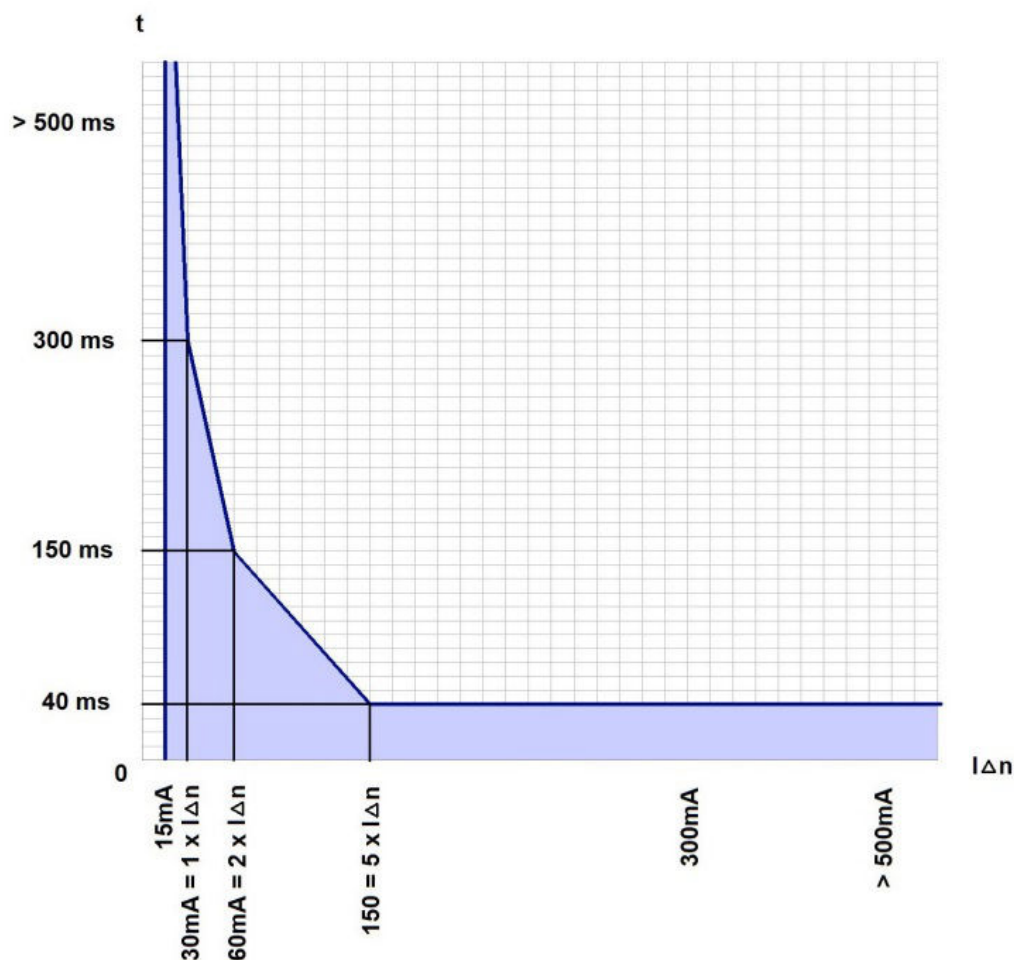


Let-through energy characteristic

Durchlassenergie I^2t



Tripping characteristic



Influence of the ambient temperature on the thermal tripping behavior

I_n (A)	Ambient temperature T (°C)								
	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
6	7.2	6.9	6.6	6.3	6	5.7	5.4	5.1	4.8
10	12	11.5	11	10.5	10	9.5	9	8.5	8
16	19.2	18.4	17.6	16.8	16	15.2	14.4	13.6	12.8
20	24	23	22	21	20	19	18	17	16
25	30	28.8	27.5	26.3	25	23.8	22.5	21.3	20
32	38.4	36.8	35.2	33.6	32	30.4	28.8	27.2	25.6
40	48	46	44	42	40	38	36	34	32

Short-circuit selectivity to NH fuses with characteristic curve gG/gL

Short-circuit selectivity **Characteristic B** of fuse insert

	NH-00 gL/gG								
I_n [A]	20	25	36	50	63	80	100	125	160
6	0.5 kA	0.8 kA	1.9 kA	2.5 kA	4.5 kA	5 kA	6 kA	6 kA	6 kA
10		0.7 kA	1.4 kA	2.2 kA	3.2 kA	3.6 kA	6 kA	6 kA	6 kA
16			1.2 kA	1.8 kA	2.6 kA	3 kA	5.6 kA	6 kA	6 kA
20				1.5 kA	2.2 kA	2.5 kA	4.6 kA	6 kA	6 kA
25				1.3 kA	2 kA	2.2 kA	4.1 kA	5.5 kA	6 kA

Short-circuit selectivity **Characteristic C** of fuse insert

	NH-00 gL/gG								
I_n [A]	20	25	36	50	63	80	100	125	160
6	0.5 kA	0.8 kA	1.9 kA	2.5 kA	4.5 kA	5 kA	6 kA	6 kA	6 kA
10		0.7 kA	1.4 kA	2.2 kA	3.2 kA	3.6 kA	6 kA	6 kA	6 kA
16			1.2 kA	1.8 kA	2.6 kA	3 kA	5.6 kA	6 kA	6 kA
20				1.5 kA	2.2 kA	2.5 kA	4.6 kA	6 kA	6 kA
25				1.3 kA	2 kA	2.2 kA	4.1 kA	5.5 kA	6 kA

Short-circuit selectivity to circuit breaker size 1

Short-circuit selectivity **Kennlinie B** of fuse insert

	MC1				
I_n [A]	40	50	63	80	100
6	1.2 kA	2 kA	2.5 kA	3 kA	5 kA
10	1.2 kA	1.5 kA	2 kA	2 kA	4 kA
16	1 kA	1.2 kA	1.5 kA	2 kA	3 kA
20	0.8 kA	1.2 kA	1.5 kA	1.5 kA	3 kA
25	0.7 kA	1.2 kA	1.5 kA	1.5 kA	3 kA

Short-circuit selectivity **Kennlinie C** of fuse insert

	MC1				
I_n [A]	40	50	63	80	100
6	1.2 kA	2 kA	2.5 kA	3 kA	5 kA
10	1.2 kA	1.5 kA	2 kA	2 kA	4 kA
16	1 kA	1.2 kA	1.5 kA	2 kA	3 kA
20	0.8 kA	1.2 kA	1.5 kA	1.5 kA	3 kA
25	0.7 kA	1.2 kA	1.5 kA	1.5 kA	3 kA

Short-circuit selectivity to circuit breaker size 2

Short-circuit selectivity **Kennlinie B** to circuit breaker

	MC2				
I_n [A]	40	50	63	80	100
6	1.2 kA	1.5 kA	2.5 kA	3 kA	6 kA
10	1 kA	1.5 kA	2.5 kA	3 kA	6 kA
13	1 kA	1.2 kA	2 kA	3 kA	6 kA
16	1 kA	1.2 kA	1.5 kA	2.5 kA	6 kA
20	1 kA	1.2 kA	1.5 kA	2 kA	6 kA
25	0.8 kA	1 kA	1.5 kA	2 kA	6 kA

Short-circuit selectivity **Kennlinie C** to circuit breaker

	MC2				
I_n [A]	40	50	63	80	100
6	1.2 kA	1.5 kA	2.5 kA	3 kA	6 kA
10	1 kA	1.5 kA	2.5 kA	3 kA	6 kA
13	1 kA	1.2 kA	2 kA	3 kA	6 kA
16	1 kA	1.2 kA	1.5 kA	2.5 kA	6 kA
20	1 kA	1.2 kA	1.5 kA	1.5 kA	6 kA
25	0.8 kA	1 kA	1.5 kA	2 kA	6 kA

Number of possible wires

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	+	-	-	-	-	-

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	+	-	-	-	-	-

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	-	-	-	-	-	-

Tabuľka objednávacích čísel

POPIS	OBJ. ČÍSLO
Prúd. chránič s ističom, B/16A, 300mA, 3+N, typ A, 6kA Nulový vodič vpravo, typ A, bez oneskorenia, spĺňa normy 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	AK868816
Voliteľné príslušenstvo	
Pomocný kontakt 1 prepínací, séria AMPARO, upínací Typ produktu AM6, Normy EN 60947-5-1:2017	AM900099