

Podatkovni list izdelka: AK867816--

Kombiniran MCB/RCD (RCBO) 3+N, AMPARO 6kA, C 16A, 300mA

tip A, N-vodnik desno, tip A (občutljiv na impulzni tok), izvedba brez zakasnitve, 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



Schrack Info

- Dvojne priključne sponke na spodnji strani
- Izolirana zaščita pred napačnim ožičenjem za varen priključek
- Prerez sponke: 1–25mm²
- Indikator položaja stikala

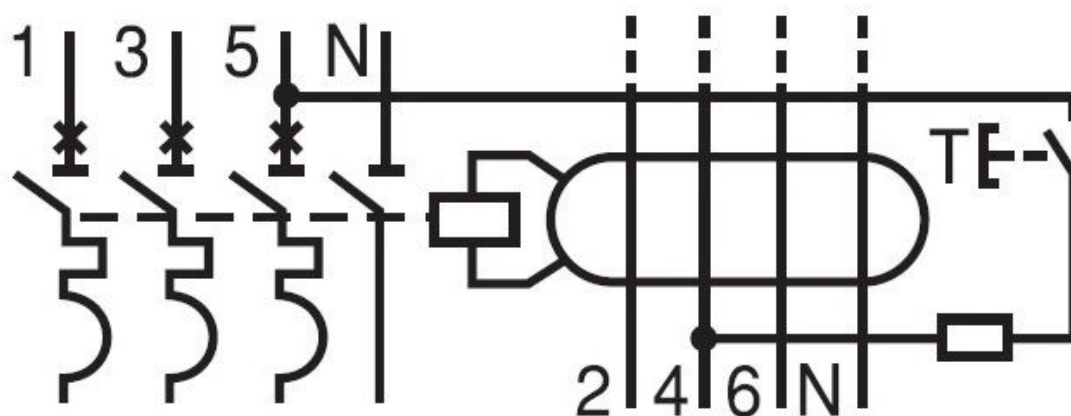
Tehnični podatki

standard	EN 61009
tip	A
izvedba	brez zakasnitve
nazivni diferencialni tok $I_{\Delta n}$ (mA)	300
karakteristika	C
nazivni tok (A)	16
jakost toka (A)	16
poli	3+N

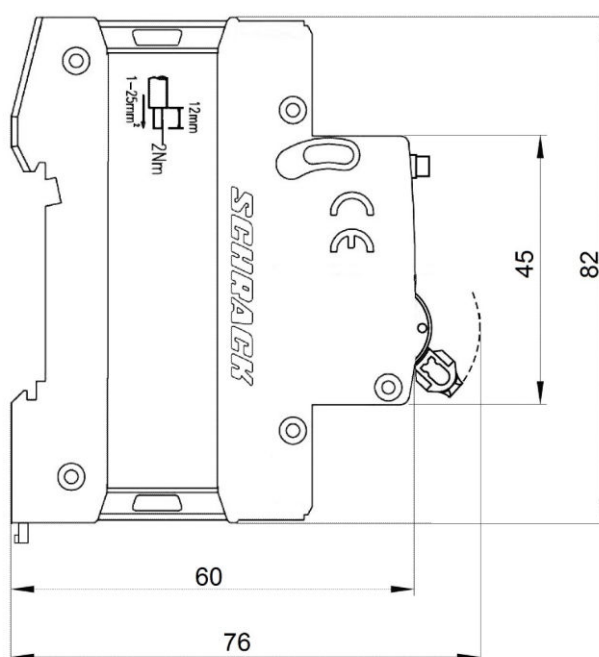
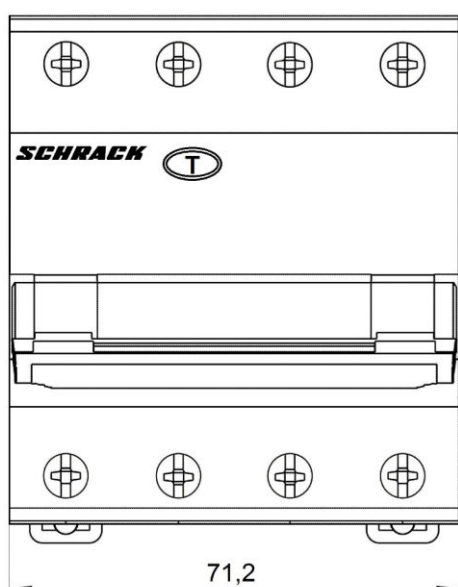
Tehnični podatki - Nadaljevanje

nazivna napetost	230/400 V AC
nazivna frekvenca (Hz)	50/ 60
razred selektivnosti	3
naznačena stikalna zmogljivost Im (A)	3000
kratkostična vzdržljivost	6 kA
stikalna zmogljivost (kA)	6
impulzna zdržna napetost [Uimp]	4kV
dielektrična preskusna napetost pri ind. frekvenci (V)	2000
izolacijska napetost	500 V
Max. permissible back-up fuse against short circuit (A gG)	63
časi proženja brez zakasnitve	≤0,1 s
toplotne izgube (W)	13,80
stopnja onesnaženosti	2
življenjska doba, električna	2000 stikalnih ciklov
življenjska doba, mehanska	10000 stikalnih operacij
prikaz nastavitve kontakta	da
stopnja mehanske zaščite	IP20
preseki sponke (mm ²)	1-25
velikost sponke za viličasto zbiralko	10 mm ²
vodnik	baker
navor	2 Nm
napajanje	dvostransko
tip sponke	Double function clamp / pin and fork busbar
referenčna temperatura (°C)	30
temperatura okolja - brez ohišja (°C)	-25°C bis +60
montaža	na DIN-letev v skladu z EN 60715 (35mm) s hitro pritrditvijo
dodatni pribor	AM900099--
serija	AMPARO

Circuit diagram

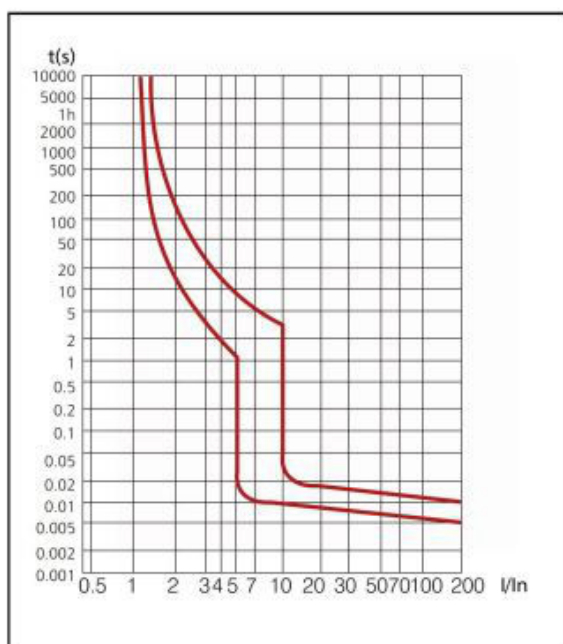


Dimensions



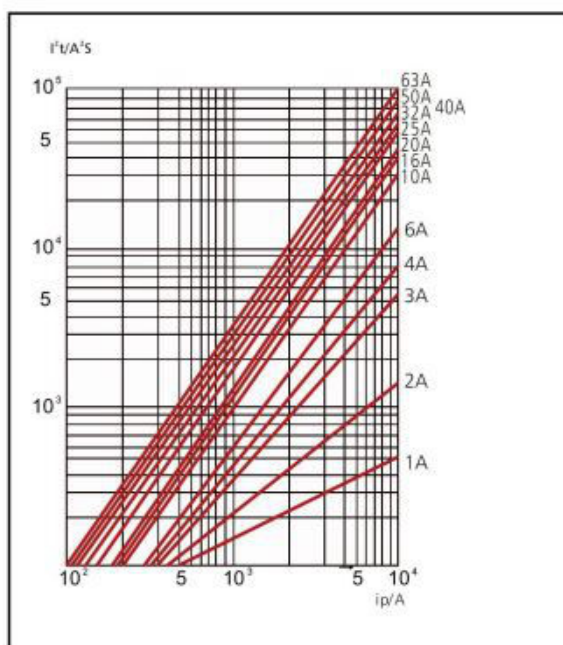
Tripping characteristic according to IEC 60898

Kennlinie C

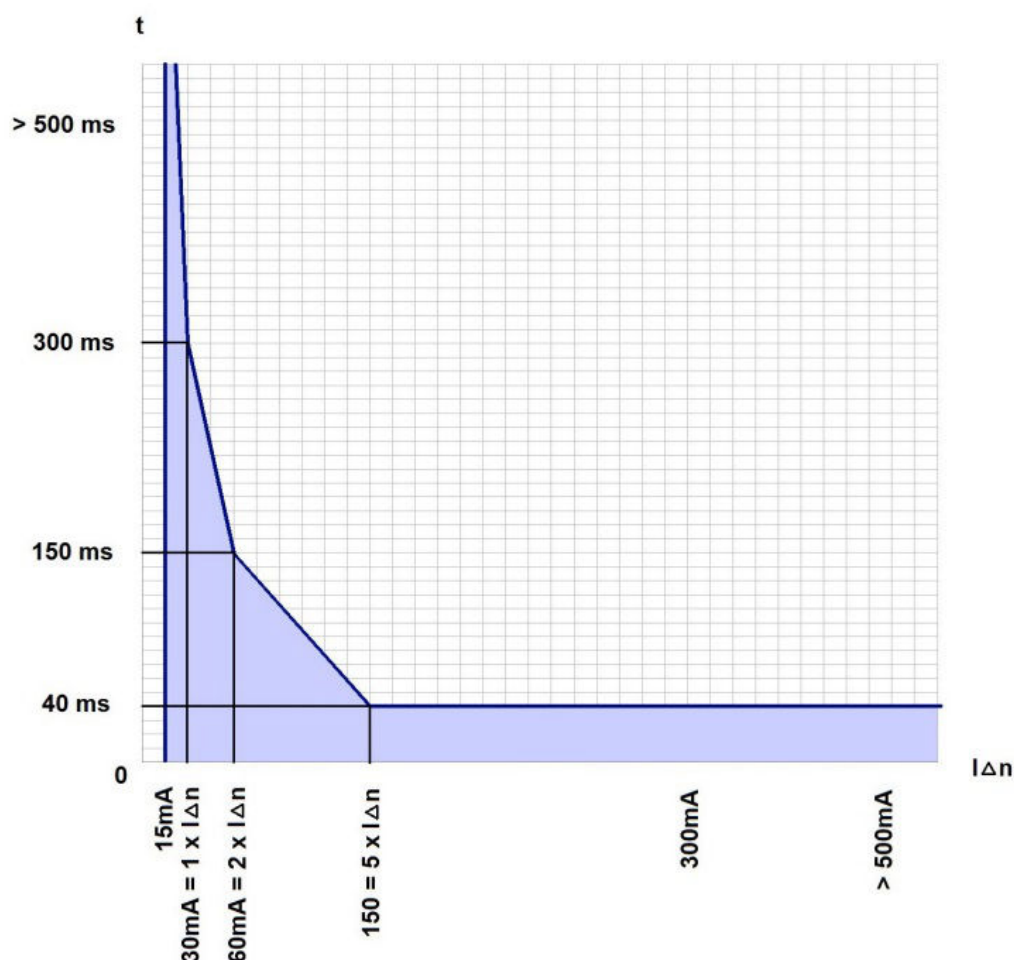


Let-through energy characteristic

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	-	-	-	-	-	-

Tabela izdelkov

Opis	Šifra
Kombiniran MCB/RCD (RCBO) 3+N, AMPARO 6kA, C 16A, 300mA tip A, N-vodnik desno, tip A (občutljiv na impulzni tok), izvedba brez zakasnitve, 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	AK867816
dodatni pribor	
Pomožni kontakt, 1 menjalni kontakt, serija AMPARO zaskočna pritrditev, tip AM6, standard za izdelek EN 60947-5-1:2017	AM900099