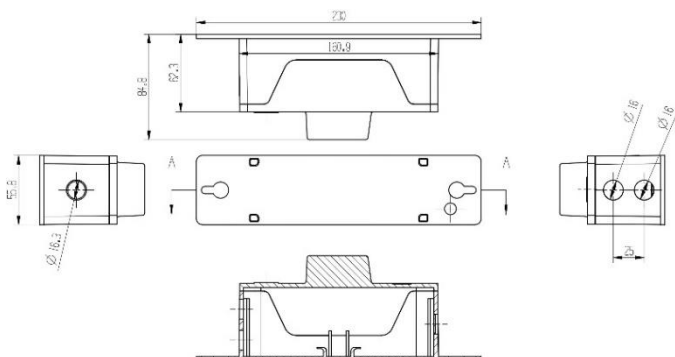


februar 22

VEILYS STOLPEBOKS



Stolpeboks er tilpasset montasje i stålmaster og leveres med verktøyfri tilkobling mot armatur. Stolpeboksene leveres komplett med vern og 4stk dobbeltisolerte 2,5mm² ledere. Det er også mulig å bestille tom stolpeboks uten ledere og vern.

Stolpeboksene er testet iht. IEC-EN 50629 (IP67)

TEKNISKE SPESIFIKASJONER

Kapsling

Materiale:	PC
Norm:	IEC60093, IEC60243-1, IEC60250
Kapslingsgrad:	IP67 iht. IEC-EN 60529
Flammetest:	V0 iht. UL94
Farge:	Gul
Skruer:	Rustfritt stål
Dimensjoner:	55,8 x 230 x 84,8 mm
Vekt:	462g (ink. Automats.)

Nippel

Materiale:	Polyamid P6
Pakning:	TPE
Tetningsring:	PVC
Dimensjon:	PG16
Kapslingsgrad:	IP67

Koblingsklemmer

Driftstemperatur:	-40°C - +85°C
IP-grad:	IP33 (IP68 for UV-boks)

Ledere

Leder:	2,5mm ² , tinnbelagt kobber
Isolasjon:	Sort og blå, dobbel isolasjon, TPE-V KS 319 Termoplast-blanding

Bestillingsnummer:

Artikkelnr.	El.nr.	Artikkel
CV072045	3601112	Veilys Stolpeboks Tom
CV072052	3601113	Veilys Stolpeboks 6A-C Aut.
CV072069	3601114	Veilys Stolpeboks 6A-C Aut. UV
CV072076	3601115	Veilys Stolpeboks 10A-C Aut.

Cenika AS

Joseph Kellers vei 27, 3409 Tranby - Norge

Tlf.: 32 24 03 00 - Mail: post@cenika.no - WEB: www.cenika.no



NB1-63H Miniature Circuit Breaker

1. General

1.1 Function

protection of circuits against short-circuit currents,
protection of circuits against overload currents,
switch,
isolation,

NB1-63H circuit-breakers are used in domestic installation,
as well as in commercial and industry electrical
distribution systems.

1.2 Selection

Technical data of the network at the point considered:
short-circuit current at the circuit-breaker installation point,
which must always be less than the breaking capacity of
this device,

Network normal voltage.

Tripping curves:

B curve (3-5I_n)

protection for people and big length cables in TN and IT
systems.

C curve (5-10I_n)

protection for resistive and inductive loads with low inrush
current.

D curve (10-14I_n)

protection for circuits which supply loads with high inrush
current at the circuit closing
(LV/LV transformers, breakdown lamps).

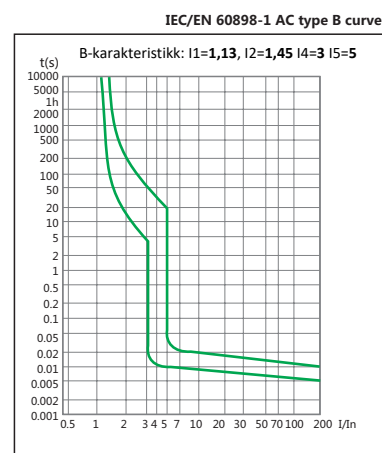
1.3 Operation of handle

The handle must always be operated fast, and from the middle

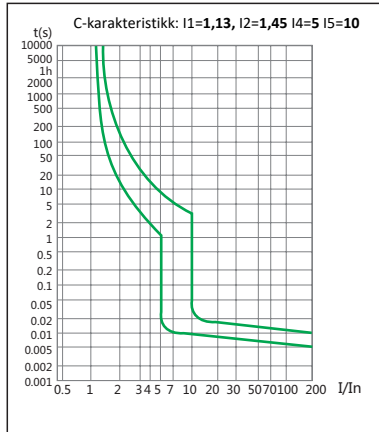


2. Technical data

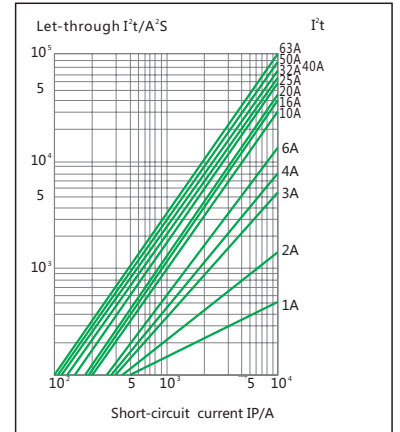
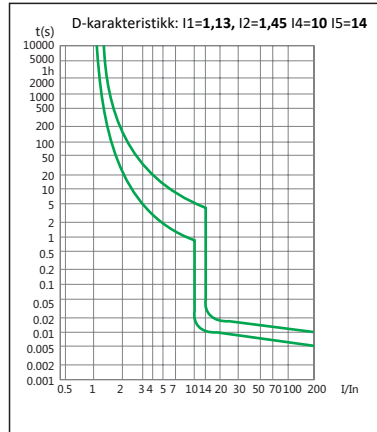
2.1 curves



IEC/EN 60898-1 AC type C curve



IEC/EN 60898-1 AC type D curve



2.2

	Standard		IEC/EN 60898-1
Electrical features	Rated current I_n	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63
	Poles		1P, 1P+N, 2P, 3P, 3P+N, 4P
	Rated voltage U_e	V	230/400~240/415
	Insulation voltage U_i	V	500
	Rated frequency		50/60Hz
	Rated breaking capacity	A	10000
	Energy limiting class		3
	Rated impulse withstand voltage(1.2/50) U_{imp}	V	6000
	Dielectric test voltage at ind. Freq. for 1 min	kV	2
	Pollution degree		2
Power loss per pole			Rated current (A)
			Max power loss per pole (W)
			1, 2, 3, 4, 5, 6, 10
			13, 16, 20, 25, 32
Mechanical features			40, 50, 63
	Thermo-magnetic release characteristic		B, C, D
	Electrical life		4,000
	Mechanical life		20,000
	Contact position indicator		Yes
	Protection degree		IP20
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq 35^\circ C$)	°C	-5...+40(Special application please refer to P14 for temperature compensation correction)
Installation	Storage temperature	°C	-25...+70
	Terminal connection type		Cable/U-type busbar/Pin-type busbar
	Terminal size top/bottom for cable	mm²	25
		AWG	18-4
	Terminal size top/bottom for busbar	mm²	10
		AWG	18-8
	Tightening torque	N·m	2.5
Combination with accessories		In-lbs.	22
	Mounting		On DIN rail EN 60715 (35mm) by means of fast clip device
	Connection		From top and bottom
	Auxiliary contact		Yes
	Shunt release		Yes
	Under voltage release		Yes
	Alarm contact		Yes

2.5 Temperature derating

The maximum permissible current in a circuit breaker depends on the ambient temperature where the circuit breaker is placed. Ambient temperature is the temperature inside the enclosure or switchboard in which the circuit breakers are installed.

The reference temperature is 30°C

Ambient temperature Rated current(A) ↓	-35°C	-30°C	-20°C	-10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C	70°C
1	1.30	1.26	1.23	1.19	1.15	1.11	1.05	1.00	0.96	0.93	0.88	0.83
2	2.60	2.52	2.46	2.38	2.28	2.20	2.08	2.00	1.92	1.86	1.76	1.66
3	3.90	3.78	3.69	3.57	3.42	3.30	3.12	3.00	2.88	2.79	2.64	2.49
4	5.20	5.04	4.92	4.76	4.56	4.40	4.16	4.00	3.84	3.76	3.52	3.32
6	7.80	7.56	7.38	7.14	6.84	6.60	6.24	6.00	5.76	5.64	5.28	4.98
10	13.20	12.70	12.50	12.00	11.50	11.10	10.60	10.00	9.60	9.30	8.90	8.40
16	21.12	20.48	20.00	19.20	18.40	17.76	16.96	16.00	15.36	14.88	14.24	13.44
20	26.40	25.60	25.00	24.00	23.00	22.20	21.20	20.00	19.20	18.60	17.80	16.8
25	33.00	32.00	31.25	30.00	28.75	27.75	26.50	25.00	24.00	23.25	22.25	21.00
32	42.56	41.28	40.00	38.72	37.12	35.52	33.92	32.00	30.72	29.76	28.16	26.88
40	53.20	51.20	50.00	48.00	46.40	44.80	42.40	40.00	38.40	37.20	35.60	33.6
50	67.00	65.50	63.00	60.50	58.00	56.00	53.00	50.00	48.00	46.50	44.00	41.50
63	83.79	81.90	80.01	76.86	73.71	70.56	66.78	63.00	60.48	58.90	55.44	52.29

When several simultaneously operating circuit breakers are mounted side by side in a small enclosure, the temperature rise inside the enclosure causes a reduction in current rating.

You must then assign the rating (already derated if necessary according to ambient temperature) a downrating factor of 0.8.

3. Overall and mounting dimensions (mm)

