

Consumer solutions

Circuit breakers, earth leakages,
time switches & enclosures



electrahertz
electrical suppliers (Pty) Ltd



:hager

hager - leaders in energy distribution systems

Hager is a **leading supplier** of solutions and services for electrical installations in residential and commercial buildings.

With a turnover of €1.5 billion and over 11 400 employees around the world, Hager leads the industry in the production of miniature circuit breakers. Hager is recognised as a top **trusted brand** in Germany, France and Britain. Customers in over 84 countries worldwide **rely on Hager** products.

Miniature circuit breakers (MCBs) 3kA type MV

Protect and control circuits against overload and short circuits – suitable for domestic and commercial installations. For isolation of circuits. Does not accept accessories.

Technical data

- Breaking capacity – 3kA (IEC 60 947-2)
- Curves – B curve: 3 to 5 In
- Poles – 1PP (protected poles)
- Voltage rating – 240Vac
- Current rating – 6 to 40A
- Frequency – 50/60Hz

Connection capacity

Rigid conductors: 25 mm²
Flexible conductors: 16 mm²

Comply with SANS 60 947-2
IEC/EN 60 947-3
RCC No: 1104322

MV series 3 / 4.5 kA – B curve (3-5 In)



designation	type	current rating	poles	breaking capacity	description	width in 17.5mm	price
Single pole	MV106	6A	1	3 kA	miniature circuit breaker	1	62.00
1 PP	MV110	10A	1	3 kA	miniature circuit breaker	1	62.00
	MV116	16A	1	3 kA	miniature circuit breaker	1	62.00
	MV120	20A	1	3 kA	miniature circuit breaker	1	62.00
	MV125	25A	1	3 kA	miniature circuit breaker	1	62.00
	MV132	32A	1	3 kA	miniature circuit breaker	1	62.00
	MV140	40A	1	3 kA	miniature circuit breaker	1	62.00

MJN series 4.5 kA – C curve (5-10 In)



Double pole	MJN706	6A	1	4.5 kA	miniature circuit breaker	1	198.00
SP + N	MJN710	10A	1	4.5 kA	miniature circuit breaker	1	198.00
	MJN716	16A	1	4.5 kA	miniature circuit breaker	1	198.00
	MJN720	20A	1	4.5 kA	miniature circuit breaker	1	198.00
	MJN725	25A	1	4.5 kA	miniature circuit breaker	1	198.00
	MJN732	32A	1	4.5 kA	miniature circuit breaker	1	198.00
	MJN740	40A	1	4.5 kA	miniature circuit breaker	1	198.00

Miniature circuit breakers (MCBs) 6kA type MN

Technical data

- Breaking capacity – 6kA (IEC 60 898-1) – 10kA (IEC60 947-2)
- Curve – C curve: 5 to 10 In
- Poles – 1PP, 2PP, 3PP (protected poles)
- Voltage rating – 230/400Vac
- Current rating – 6 to 63A
- Frequency – 50/60Hz
- Climate sealed – T2

Connection capacity

Rigid conductors: 25 mm²
Flexible conductors: 16 mm²

Comply with SANS 60 947-2
IEC 60 947-2
IEC 60 898
RCC No: 1104322

MN series



Single pole	MN106	6A	1	6 kA	miniature circuit breaker	1	74.00
1 PP	MN110	10A	1	6 kA	miniature circuit breaker	1	74.00
	MN116	16A	1	6 kA	miniature circuit breaker	1	74.00
	MN120	20A	1	6 kA	miniature circuit breaker	1	74.00
	MN125	25A	1	6 kA	miniature circuit breaker	1	74.00
	MN132	32A	1	6 kA	miniature circuit breaker	1	74.00
	MN140	40A	1	6 kA	miniature circuit breaker	1	74.00
	MN150	50A	1	6 kA	miniature circuit breaker	1	91.00
	MN163	63A	1	6 kA	miniature circuit breaker	1	91.00



designation	type	current rating	poles	breaking capacity	description	width in 17.5 mm	price
Double pole 2 PP	MN206	6A	2	6 kA	miniature circuit breaker	2	227.00
	MN210	10A	2	6 kA	miniature circuit breaker	2	227.00
	MN216	16A	2	6 kA	miniature circuit breaker	2	227.00
	MN220	20A	2	6 kA	miniature circuit breaker	2	227.00
	MN225	25A	2	6 kA	miniature circuit breaker	2	227.00
	MN232	32A	2	6 kA	miniature circuit breaker	2	227.00
	MN240	40A	2	6 kA	miniature circuit breaker	2	227.00
	MN250	50A	2	6 kA	miniature circuit breaker	2	283.00
MN263	63A	2	6 kA	miniature circuit breaker	2	283.00	
Triple pole 3PP	MN306	6A	3	6 kA	miniature circuit breaker	3	312.00
	MN310	10A	3	6 kA	miniature circuit breaker	3	312.00
	MN316	16A	3	6 kA	miniature circuit breaker	3	312.00
	MN320	20A	3	6 kA	miniature circuit breaker	3	312.00
	MN325	25A	3	6 kA	miniature circuit breaker	3	312.00
	MN332	32A	3	6 kA	miniature circuit breaker	3	312.00
	MN340	40A	3	6 kA	miniature circuit breaker	3	312.00
	MN350	50A	3	6 kA	miniature circuit breaker	3	368.00
MN363	63A	3	6 kA	miniature circuit breaker	3	368.00	



Isolators (switch disconnectors)

For use as a switch disconnector in all types of circuits – green/red indication on handle provides positive contact indication

Comply with SANS 60947-3
IEC/EN 60 947-3
Utilisation category: AC 22B
IEC Ref: NL-14273

SB series isolators (switch disconnectors)



type	current rating	switching	poles	description	width in 17.5 mm	price
SBN132 SBN163 SBN190	32A	on - off	1	modular isolator switch	1	81.00
	63A	on - off	1	modular isolator switch	1	108.00
	100A	on - off	1	modular isolator switch	1	135.00
SBN232 SBN263 SBN290	32A	on - off	2	modular isolator switch	2	108.00
	63A	on - off	2	modular isolator switch	2	162.00
	100A	on - off	2	modular isolator switch	2	189.00
SBN332 SBN363 SBN390	32A	on - off	3	modular isolator switch	3	162.00
	63A	on - off	3	modular isolator switch	3	216.00
	100A	on - off	3	modular isolator switch	3	270.00

Earth leakage protection (RCDs)

Automatically opens a circuit in the event of an earth leakage fault. Suitable for domestic, commercial and industrial installations. No overload protection.

Nominal voltage: (2 pole) 110/240V 50Hz
(4 pole) 240/415V 50Hz
Comply with IEC 61 008-1
RCC No: 1109394



type	overload rating (A)	sensitivity (mA)	poles	description	width in 17.5 mm	price	
30mA sensitivity	CD226J	25A	30 mA	2 pole	earth leakage device	2	431.00
	CD241J	40A	30 mA	2 pole	earth leakage device	2	431.00
	CD264J	63A	30 mA	2 pole	earth leakage device	2	539.00
	CD464J	63A	30 mA	4 pole	earth leakage device	4	862.00

Time switches 16A 250V electro-mechanical 230 Vac 50 Hz AC1



type	time range	min. setting	reserve	contact	width 17.5 mm	price
EH010	24 hr	15 min	no	1 NO	1	442.00
EH011	24 hr	15 min	200 hrs	1 NO	1	463.00
EH109	24 hr	15 min	no	1 Changeover	3	498.00

Protection enclosures

Golf series surface and flush-mount distribution boards

From domestic to commercial applications, our enclosures provide the distribution of power easily, safely and quickly.

Technical data

- Transparent door 180° opening (hinged left or right) / key-lock facility
- Internal cable tie fixing posts / cables can be run behind breakers / optional cable retainer clips

- Supplied with earth / neutral terminals
- Colour: RAL9010 (light grey) / glow wire test to 650°C to UNE 60595-2-1

Comply with IEC 60 439-3



type	no. of ways	description	dimensions (mm)			price
			H	x	W x D	

VS surface-mount enclosures IP40 (with door)

VS108TJ	8 way	surface-mount distribution board	184	x	210 x 99	290.00
VS112TJ	12 way	surface-mount distribution board	252	x	282 x 99	393.00
VS212TJ	24 (2X12)	surface-mount distribution board	377	x	282 x 99	537.00



VF flush-mount enclosures IP40 (with door)

VF108TJ	8 way	flush-mount distribution board	189	x	242 x 72	307.00
VF112TJ	12 way	flush-mount distribution board	257	x	318 x 72	364.00
VF212TJ	24 (2x12)	flush-mount distribution board	382	x	318 x 72	488.00

Invicta VT series flush-mount "all metal" boards

Technical data

- Transparent hinged door
- Improved aesthetics
- Supplied with internal earth / neutral terminals

Comply with BS EN 60 439-1
EN 60 439-3



VT flush mounting all metal enclosures

VT08TF	8 way	all-metal-flush mount consumer unit	253	x	316 x 93	415.00
VT12TF	12 way	all-metal-flush mount consumer unit	253	x	387 x 93	461.00
VT16TF	16 way	all-metal-flush mount consumer unit	253	x	458 x 93	504.00
VT20TF	20 way	all-metal-flush mount consumer unit	253	x	529 x 93	580.00

PRETORIA

Fakkell Street cnr Krige
P.O. Box 912-1382,
Silverton, 0127

Tel: +27(12) 804-0120
Fax: +27(12) 804-2585

Email: salespt@electrahertz.co.za

JET PARK

6 Derick Coetzee Str, Jet park
P.O. Box 25802
East rand, 1462

Tel: +27(11) 397-1750
Fax: +27(11) 397-1753

Email: salesjp@electrahertz.co.za