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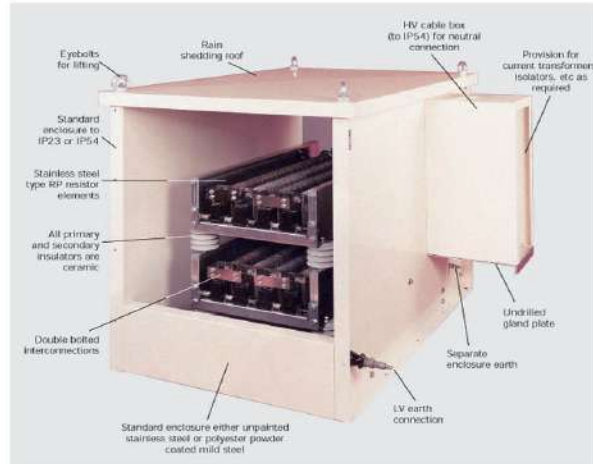
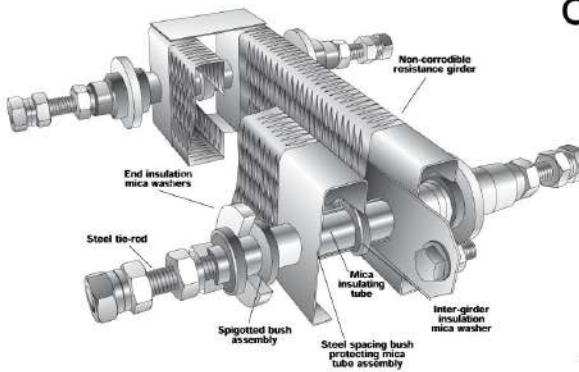
CRESSALL RESISTORS

Haute technologie

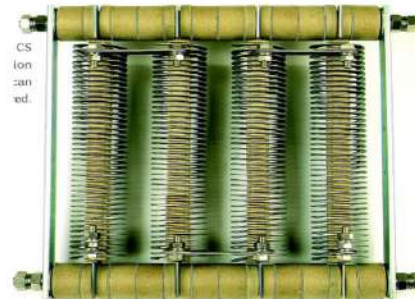
Compétence et expérience

Large gamme adaptée

Fiabilité



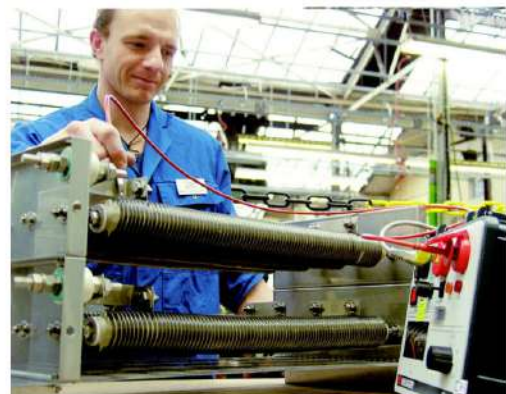
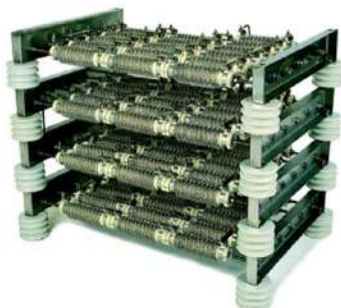
EDGEWOUND RESISTORS



Mise à la terre

Démarrage et freinage moteurs

WIREWOUND RESISTORS



PORTABLE LOAD UNITS

PORTABLE LOAD UNITS

www.cressall.com

24-28 DC Model

Model type	Voltage (V)	Power (kW)	Steps	Continuous current (A)	Dimensions L x W x H (mm)	Weight (kg)
DC110	28V	3.3	fully variable	120	400 200 500	10

48-54 DC Models

Model type	Voltage	Power (kW)	Steps	Continuous current (A)	Dimensions L x W x H (mm)	Weight (kg)
DC70	50V	3.5	fully variable	70	400 200 500	10
DC120	50V	6.0	fully variable	120	540 310 495	15
DC220	50V	11.0	fully variable	210	540 310 500	15
DC600	50V	30.0	fully variable	600	560 400 840	40

Units are each supplied with a pair of leads

- Fully variable current setting
- Cooling fan driven by test load
- Shunt for current measurement with 4mm banana sockets (all units except DC600)

AC Model

Model type	Voltage (V)	Power (kW)	Steps W(A)	Continuous current (A)	Dimensions L x W x H (mm)	Weight (kg)
AC30*	240, 1Ø	15	333(1.4)	62.5	560 400 840	30
	415, 3Ø	30	333(1.4)	41.6		

* AC30 supplied as standard with one three-phase lead and connector; single-phase lead optional

- Cooling fan driven by test load
- Ability to set unbalanced loads
- Input connectors to BS4343/DIN49462
- Illuminated switches
- Single and three phase operation in one unit
- DIN 48mm voltmeter, ammeter and frequency meter

AC/DC Models

Model type	Voltage (V ac or dc)	Power (kW)	Steps W(A)	Continuous current (A)	Dimensions L x W x H (mm)	Weight (kg)
Dual30 (120/240)	120	31.5	500(4)	262	600 500 800	50
	240	31.5	500(2)	131		
Dual30 (240/480)	240	31.5	500(2)	131	600 500 800	50
	480	31.5	500(1)	65		

Units are each supplied with a pair of leads

- Full power at two voltages in a single unit
- DIN 48mm voltmeter, ammeter and separate 1.5% shunt
- Single phase ac or dc operation
- Contactor switched
- Fans and contactors driven by external 110V or 230V ac supply



Portable Load Bank

Model AC6
for testing
portable
generators

6kW, 110V and 230V AC



Capacity

0-6kW in 333W switched steps of 333W. 666W, 3 x 1kW and 1 x 2kW, switched in any combination.

Test Voltages

Two switch-selected voltage ranges:

- 220 - 240V, 1 phase 50/60Hz
- 110 - 120V, 1 phase 50/60Hz

Controls

Integral control panel with hinged weatherproof lid with:

- 1 – 48mm DIN voltmeter 0-300V linear
- 1 – 48mm DIN ammeter 0-100A linear
- 1 – 48mm DIN frequency meter 45-65Hz
- 1 – 3 position rotary switch 110V – OFF – 230V
- 2 – single pole MCB's for protection
- 1 – meter fuse

Resistor Elements

Mica card elements wound with high-grade nickel-chrome stainless steel resistance tape with 600V primary insulation.

Cooling

Fan cooled with a single 170mm fan powered from the test load itself. The fan is mounted on one side of the load bank and blows horizontally through mesh screens on each side.

Input cables and connectors

Two 1.5m flexible input cables complete with colour coded input connectors to IEC-60309-2 are fitted as standard.

Case

All aluminium, finished in white powder coat, with instructions and warning labels. The load bank is fitted with a detachable cover with carrying handle and built-in cable stowage box.

Dimensions

- 495 x 220 x 550mm high
- Weight 12kg complete



100kW Load Bank

Model AC100 for generator testing

100kW three phase

33kW single phase



Capacity

- 415V 3 phase, 50/60Hz: 100kW in 1.25kW steps
- 240V 1 phase 50/60Hz: 33kW in 400W steps

Other AC voltages

Lower AC test voltages can be applied; the maximum power is reduced accordingly. For example:

- 220V 3 phase, 50/60Hz: 28kW in 350W steps
- 110V 1 phase, 50/60Hz: 7 kW in 85W steps

DC voltages

A dual AC/DC model is available at extra cost, having all the capabilities of the standard version plus an additional rating of 0 - 190A (42kW) at 220V DC.

Controls

Integral control panel with hinged weatherproof lid with:

- 1 - 48mm DIN voltmeter 0-500V linear with selector switch
- 1 - 48mm DIN ammeter 0-150A linear with selector switch
- 1 - 48mm DIN frequency meter 45-65Hz
- 7 - 'on/off' pushbuttons (1.25, 2.5, 5, 10, 20, 20, 40kW)
- 7 - indicator lamps, one per section
- 1 - 'on/off' pushbutton for fan start/stop
- 1 - indicator lamp 'fans running'
- 1 - input socket for external 220/240V AC supply, with selector switch
- 1 - emergency stop button

Resistor Elements

Metal sheathed wire elements manufactured from high-grade nickel/chrome resistance wire in magnesium oxide insulated stainless steel tubes and 600V primary insulation.

Cooling

Fan cooled with a single 450mm fan powered from the test load itself or an external supply. The fan is mounted in the base of the load bank and blows vertically through mesh bird screens top and bottom.

Input connectors

Four colour-coded Camlock quick-release input connectors, three phase + neutral. Corresponding female connectors are supplied loose for fitting to customers' own cables. Optionally, made-up input cables can be supplied to order.

Case

The enclosure is sheet steel with an all-welded steel frame, finished in blue powder coat, with instructions and warning labels. The load bank is mounted on braked rubber castors and fitted with push bars at front and rear and with a top mounted cable stowage tray. The load bank can be fork-lifted or slung from its top-mounted lifting eyes.

Dimensions

- 1150 x 700 x 800mm high
- Weight 140kg

Cressall Resistors Ltd

Portable Load Unit - Mobilt belastningsmotstånd - Transportabel Lastwiderstand



AC30
230/400 V, 15/30 kW



- *Kompakt - Compact - Kompakt*
- *En enhet - Self-contained - Ein Gerät*
- *Enfas och trefas - Single phase or three phase - Einphase und Dreiphasen*
- *Mobil - Portable - Transportabel*

Kapacitet

Matningsspänning	230/400 VAC 1/3 fas
Effekt	15/30 kW
Fasta sektioner	1, 2*2, 5 och 2*10 kW

Capacity

Power supply	230/400 VAC 1/3 ph.
Power	15/30 kW
Fixed sections	1, 2*2, 5 and 2*10 kW

Kapazität

Spannung	230/400 VAC 1/3 ph.
Last	15/30 kW
Feste Sektionen	1, 2*2, 5 und 2*10 kW

Motstånd

Cressall flätkylt motstånd av nickel/kromlegering med låg temperaturkoefficient. Kyls av fyra 230 VAC fläktar med spänningsmatning från provlasten. Övertemperaturskydd. Isolationsspänning 750 V.

Resistor

Cressall fan cooled nickel/chromium resistor elements, low temperature coefficient. Cooled by four 230 VAC fans, taking their supply from the test load. Overtemperature protection. Insulating voltage 750 V.

Widerstand

Cressall Widerstand aus Nickel/Chromlegierung mit forcierter Luftkühlung und niedriger Temperaturkoefficient. Kühlung mit vier 230 VAC Ventilatoren, Spannung von Prüflast. Übertemperaturschutz. Isolationsspannung 750 V.

Manövrering

1 fas/3 fas	Vridströmställare
Fasta steg	18 bel. tryckknappar
Voltmeter	0-500 V, 48*48 mm
Amperemeter	3, 0-80 A, 48*48 mm
Frekvensmätare	45-65 Hz, 48*48 mm

Controls

1 phase/3 phase	Selector switch
Fixed sections	18 illum. switches
Voltmeter	0-500 V, 48*48 mm
Ammeter	3, 0-80 A, 48*48 mm
Frequency meter	45-65 Hz, 48*48 mm

Steuerung

1 Phase/3 Phasen	Wahlschalter
Feste Sektionen	18 Leuchtdrucktasten
Voltmeter	0-500 V, 48*48 mm
Amperemeter	3, 0-80 A, 48*48 mm
Frequenzmeter	45-65 Hz, 48*48 mm

Kortslutningsskydd

Kortslutningsskydd med 2 dvärgbrytare

Short circuit protection

Short circuit protection by 2 MCB's

Kurzschlußschutz

Kurzschlusschutz bei 2 Schutzschalter

Anslutningar - CEE intag

Huvudkrets, 1 fas	230 V, 63 A
	1 pol + jord
Huvudkrets, 3 fas	400 V, 63 A
	3 pol + nolla + jord
Extern matning	Krävs ej

Connections - CEE inlets

Main circuit, 1 ph.	230 V, 63 A
	1 pole + earth
Main circuit, 3 ph.	400 V, 63 A
	3 pole + neutr. + earth
External supply	Not required

Anschluss - CEE Gerätstecker

1 Phase	230 V, 63A
	1 Pol + Erdung
3 Phasen	400 V, 63 A
	3 Pol + N+ Erdung
Netzspannung	Nicht erforderlich

Kapsling

Rödlackerat metallchassi med nät över luftkanaler på 2 hjul. Bärhandtag.

Skyddsform	IP 20
Dimensioner, H*B*D	840*560*400 mm
Vikt	30 kg

Case

Red metal case with mesh over air ducts on 2 castors. Carrying handle.

Ingress protection	IP 20
Dimensions, H*W*D	840*560*400 mm
Weight	30 kg

Aufbau

Rotes Metallchassis mit Netzwerk über Luftkanäle. 2 Rollen. Handgriff

Schutzart	IP 20
Maße, H*B*T	840*560*400 mm
Gewicht	30 kg

Cressall Resistors Ltd

Portable Load Unit - Mobilt belastningsmotstånd - Transportabel Lastwiderstand



DC110/3

28VDC, 3 kW, 0,6 - 70 A

DC70/3

50 VDC, 3 kW, 0,6 - 70 A



- *Kompakt - Compact - Kompakt*
- *En enhet - Self-contained - Ein Gerät*
- *Fullt reglerbar - Fully variable - Ganz regulierbar*
- *Mobil - Portable - Transportabel*

Kapacitet, DC110/3

Matningsspänning	20-28 VDC
Effekt	3 kW
Strömområde	0,6-120 A
Toppström	120 A
Fasta sektioner	5, 10, 20 och 2*40 A
Reglerbar sektion	0,6-5 A

Capacity, DC 110/3

Power supply	20-28 VDC
Power	3 kW
Current range	0,6-120 A
Peak current	120 A
Fixed sections	5, 10, 20 and 2*40 A
Variable section	0,6-5 A

Kapazität, DC110/3

Spannung	20-28 VDC
Last	3 kW
Strom	0,6-120 A
Toppstrom	120 A
Feste Sektionen	5, 10, 20 und 2*20 A
Veränderliche Sekt.	0,6-5 A

Kapacitet, DC70/3

Matningsspänning	30-50 VDC
Effekt	3 kW
Strömområde	0,6-70 A
Toppström	70 A
Fasta sektioner	5, 2*10 och 2*20 A
Reglerbar sektion	0,6-5 A

Capacity, DC70/3

Power supply	30-50 VDC
Power	3 kW
Current range	0,6-70 A
Peak current	70 A
Fixed sections	5, 2*10 and 2*20 A
Variable section	0,6-5 A

Kapazität, DC70/3

Spannung	30-50 VDC
Last	3 kW
Strom	0,6-70 A
Toppstrom	70 A
Feste Sektionen	5, 2*10 und 2*20 A
Veränderliche Sekt.	0,6-5 A

Motstånd

Cressall fläktkyllt motstånd av nickel/kromlegering med låg temperaturkoefficient. Kyls av två fläktar med spänningsmatning från provlasten. Övertemperaturskydd. Isolationsspänning 750 V.

Resistor

Cressall fan cooled nickel/chromium resistor elements, low temperature coefficient. Cooled by two fans, taking their supply from the test load. Overtemperature protection. Insulating voltage 750 V.

Widerstand

Cressall Widerstand aus Nickel/Chromlegierung mit forcierter Luftkühlung und niedriger Temperaturkoeffizient. Kühlung mit zwei Ventilatoren, Spannung von Prüflast. Über-temperaturschutz. Isolationsspannung 750 V.

Manövrering

Fasta steg	6 vippströmställare
Variabelt steg	Vred

Controls

Fixed sections	6 toggle switches
Variable section	Knob

Steuerung

Feste Sektionen	6 Kippschalter
Veränderliche Sekt.	Dreh

Mätshunt

Omsättning	100 A/100 mV
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Ammeter Shunt

Rating	100 A/100 mV
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Strommessung Shunt

Umsatz	100 A/100 mV
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Anslutningar

Huvudkrets	2*25 mm ² kabel med M10 kabelsko och snabbkontakter, längd 2,4 m
Mät-krets	Uttag för 4 mm labbpropp
Extern matning	Krävs ej

Connections

Main circuit	2*25 mm ² cable with M10 lugs and quick release connectors, 2,4 m long
Metering circuit	4 mm banana socket
External supply	Not required

Kabelsat

Hauptkreis	2*25 mm ² Kabel mit M10 Kabelschuhen und Stecker, Länge 2,4 m
Messungen	4 mm Steckdose
Netzspannung	Nicht erforderlich

Kapsling

Blålackerat aluminiumchassi med nät över luftkanaler. Bärhandtag och lock med kablafack.

Skyddsform	IP 20
Dimensioner, H*B*D	450*400*200 mm
Vikt	10 kg

Case

Blue aluminium case with mesh over air ducts. Carrying handle and lid with cable stowage facility.

Ingress protection	IP 20
Dimensions H*W*D	450*400*200 mm
Weight	10 kg

Aufbau

Blaues Aluminiumchassis mit Netzwerk über Luftkanäle. Handgriff und Deckel mit Kabelverwahrung.

Schutzart	IP 20
Maße, H*B*T	450*400*200 mm
Gewicht	10 kg

Cressall Resistors Ltd

Portable Load Unit - Mobilt belastningsmotstånd - Transportabel Lastwiderstand



DC120/6

50 VDC, 6 kW, 0,6 - 120 A



- *Kompakt - Compact - Kompakt*
- *En enhet - Self-contained - Ein Gerät*
- *Fullt reglerbar - Fully variable - Ganz regulierbar*
- *Mobil - Portable - Transportabel*

Kapacitet

Matningsspänning	30-50 VDC
Effekt	6 kW
Strömområde	0,6-120 A
Toppström	125 A
Fasta sektioner	5, 10 och 5*20 A
Reglerbar sektion	0,6-5 A

Motstånd

Cressall fläktkyllt motstånd av nickel/kromlegering med låg temperaturkoefficient. Kyls av dubbla 30-50 VDC fläktar med spänningsmatning från provlasten. Övertemperaturskydd. Isolationsspänning 750 V.

Manövrering

Fasta steg	8 vippströmställare
Variabelt steg	Vred
Indikering	LED, inkopplade steg, reverserad polaritet

Mätshunt

Omsättning	100 A/100 mV
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Anslutningar

Huvudkrets	2*25 mm ² kabel med M10 kabelsko och snabbkontakter, längd 2,6 m
Mätkrets	Uttag för 4 mm labbpropp
Extern matning	Krävs ej

Kapsling

Blålackerat aluminiumchassi med nät över luftkanaler på 4 svängbara hjul, läsbara. Bärhandtag och kablagefack.	
Skyddsform	IP 20
Dimensioner, H*B*D	495*540*310 mm
Vikt	15 kg

Capacity

Power supply	30-50 VDC
Power	6 kW
Current range	0,6-120 A
Peak current	125 A
Fixed sections	5, 10 and 5*20 A
Variable section	0,6-5 A

Resistor

Cressall fan cooled nickel/chromium resistor elements, low temperature coefficient. Cooled by twin 30-50 VDC fans, taking their supply from the test load. Overtemperature protection. Insulating voltage 750 V.

Controls

Fixed sections	8 toggle switches
Variable section	Knob
Indication	LED, connected sections, reverse polarity

Ammeter Shunt

Rating	100 A/100 mV
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Connections

Main circuit	2*25 mm ² cable with M10 lugs and quick release connectors, 2,6 m long
Metering circuit	4 mm banana socket
External supply	Not required

Case

Blue aluminium case with mesh over air ducts on 4 omni-directional braked castors. Carrying handle and cable stowage facility.	
Ingress protection	IP 20
Dimensions, H*W*D	495*540*310 mm
Weight	15 kg

Kapazität

Spannung	30-50 VDC
Last	6 kW
Strom	0,6-120 A
Toppstrom	125 A
Feste Sektioner	5, 10 und 5*20 A
Veränderliche Sektion	0,6-5 A

Widerstand

Cressall widerstand aus Nickel/Chromlegierung mit forcierter Luftkühlung und niedriger Temperaturkoefficient. Kühlung mit verdoppeln 30-50 VDC Ventilatoren, Spannung von Prüflast. Übertemperaturschutz. Isolationsspannung 750 V.

Steuerung

Feste Sektioner	8 Kippschalter
Veränderliche Sektion	Dreh
Indikering	LED, geschlossene Sektion, reversibel Polarität

Strommessung Shunt

Umsatz	100 A/100 mV
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Kabelsatz

Hauptkreis	2*25 mm ² Kabel mit M10 Kabelschuhen und Stecker, Länge 2,6 m
Messungen	4 mm Steckdose
Netzspannung	Nicht erforderlich

Aufbau

Blaues Aluminiumchassis mit Netzwerk über Luftkanäle. 4 Drehbare Rollen mit Brems. Handgriff und Kabelverwahrung.	
Schutzart	IP 20
Maße, H*B*T	495*540*310 mm
Gewicht	15 kg

Cressall Resistors Ltd

Portable Load Unit - Mobilt belastningsmotstånd - Transportabel Lastwiderstand



DC600/3
50 VDC, 30 kW, 0,6 - 600 A



- *Kompakt - Compact - Kompakt*
- *En enhet - Self-contained - Ein Gerät*
- *Fullt reglerbar - Fully variable - Ganz regulierbar*
- *Mobil - Portable - Transportabel*

Kapacitet

Matningsspänning	30-50 VDC
Effekt	Max 30 kW
Strömområde	0,6-600 A
Toppström	600 A
Fasta sektioner	5, 10, 4*20, 100 och 2*200 A
Reglerbar sektion	0,6-5 A

Capacity

Power supply	30-50 VDC
Power	Max 30 kW
Current range	0,6-600 A
Peak current	600 A
Fixed sections	5, 10, 4*20, 100 and 2*200 A
Variable section	0,6-5 A

Kapazität

Spannung	30-50 VDC
Last	Max 30 kW
Strom	0,6-600 A
Toppstrom	600 A
Feste Sektionen	5, 10, 4*20, 100 und 2*200 A
Veränderliche Sektion	0,6-5 A

Motstånd

Cressall fläktkyllt motstånd av nickel/kromlegering med låg temperaturkoefficient. Kyls av 30-50 VDC fläkt med spänningsmatning från provlasten. Övertemperaturskydd. Isolationsspänning 750 V.

Resistor

Cressall fan cooled nickel/chromium resistor elements, low temperature coefficient. Cooled by 30-50 VDC fan, taking their supply from the test load. Overtemperature protection. Insulating voltage 750 V.

Widerstand

Cressall Widerstand aus Nickel/Chromlegierung mit forcierter Luftkühlung und niedriger Temperaturkoefficient. Kühlung mit 30-50 VDC Ventilatoren, Spannung von Prüflast. Übertemperaturschutz. Isolationsspänning 750 V.

Manövrering

Huvudbrytare	Till/från
Fasta steg	9 vippströmställare och DC kontaktorer
Variabelt steg	Vred
Indikering	LED, ansluten till matningsspänning, klar för prov

Controls

Main switch	On/off
Fixed sections	9 toggle switches and DC contactors
Variable section	Knob
Indication	LED, power supply on, ready for test

Steuerung

Hauptschalter	Ein/Aus
Feste Sektionen	9 Kippschalter und Gleichstromschütze
Veränderliche Sektion	Dreh
Indikierung	LED, Netzspannung Ein, Klar für Prüf

Anslutningar

Huvudkrets	2 kablar, 2*70 mm ² med M10 kabelsko och snabbkontakter, längd 2,5 m
Extern matning	Krävs ej för 48 VDC prov. För lägre provspänning 48 VDC

Connections

Main circuit	2 cables, 2*70 mm ² with M10 lugs and quick release connectors, 2,5 m long
External supply	Not required for 48 VDC test. For lower test voltage 48 VDC

Kabelsatz

Hauptkreis	70 mm ² Kabel mit M10 Kabelschuhen und Stecker, Länge 2,5 m
Netzspannung	Nicht erforderlich für 48 VDC. Weniger Prüfspannung 48 VDC

Kapsling

Blålackerat aluminiumchassi med nät över luftkanaler på 2 svängbara hjul. Bärhandtag.	
Skyddsform	IP 20
Dimensioner, H*B*D	840*560*400 mm
Vikt	40 kg

Case

Blue aluminium case with mesh over air ducts on 2 omni-directional wheels. Carrying handles.	
Ingress protection	IP 20
Dimensions, H*W*D	840*560*400 mm
Weight	40 kg

Aufbau

Blaues Aluminiumchassis mit Netzwerk über Luftkanäle. 2 Drehbare Rollen. Handgriff.	
Schutzart	IP 20
Maße, H*B*T	840*560*400 mm
Gewicht	40kg

Cressall

Mobilt belastningsmotstånd - Portable Load Unit - Transportabel Lastwiderstand



Dual 30

120/240 VAC/VDC, 30 kW

240/480 VAC/VDC, 30 kW



- *Kompakt - Compact - Kompakt*
- *En enhet - Self-contained - Ein Gerät*
- *AC och DC belastning - AC or DC operation - Prüflast von Wechselstrom und Gleichstrom*
- *Mobil - Portable - Transportabel*

Kapacitet

Matningsspänning	120/240 V 240/480 V 1 fas och DC
Effekt	30 kW
Fasta sektioner	0,5, 1, 2, 4, 8, 16 kW

Capacity

Power supply	120/240 V 240/480 V 1 phase and DC
Power	30 kW
Fixed sections	0,5, 1, 2, 4, 8, 16 kW

Kapazität

Spannung	120/240 V 240/480 V 1 Phase und DC
Last	30 kW
Feste Sektionen	0,5, 1, 2, 4, 8, 16 kW

Motstånd

Cressall fläktkyllt motstånd av nickel/kromlegering med låg temperaturkoefficient. Kyls av 300 mm axialfläkt med separat spänningsmatning. Övertemperaturskydd. Isolationsspänning 750 V.

Resistor

Cressall fan cooled nickel/chromium resistor elements, low temperature coefficient. Cooled by 300 mm axial fan, powered from external supply. Overtemperature protection. Insulating voltage 750 V.

Widerstand

Cressall Widerstand aus Nickel/Chromlegierung mit forcierter Luftkühlung und niedriger Temperaturkoefficient. Kühlung mit 300 mm Axialventilator, extern Spannung. Übertemperaturschutz. Isolationsspannung 750 V.

Manövrering

Fasta sektioner	12 tryckknappar
Indikering	Lampa, inkopplad sektion
Voltmeter	0-300 V, 0-600 V
Amperemeter	0-300 A, 0-200 A

Controls

Fixed sections	12 pushbuttons
Indication	Indicating light for connected section
Voltmeter	0-300 V, 0-600 V
Ammeter	0-300 A, 0-200 A

Steuerung

Faste Sektionen	12 Drucktaster
Indikering	Leuchtmelder, geschlossene Sektion
Voltmeter	0-300 V, 0-600 V
Strommeter	0-300 A, 0-200 A

Mätshunt

Omsättning	250A/75 mV
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Ammeter Shunt

Rating	250 A/75 mV
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Strommessung Shunt

Umsatz	250 A/75 mV
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Anslutningar

Huvudkrets	2*25 mm ² kabel med M10 kabelsko och snabbkontakter, längd 2,6 m
Mätkrets	Uttag för 4 mm labbpropp
Extern matning	110/240 VAC, 1 fas

Connections

Main circuit	2*25 mm ² cable with M10 lugs and quick release connectors, 2,6 m long
Metering circuit	4 mm banana socket
External supply	110/240 VAC, 1 ph.

Kabelsatz

Hauptkreis	2*25 mm ² Kabel mit M10 Kabelschuhen und Stecker, Länge 2,6 m
Messungen	4 mm Steckdose
Netzspannung	110/240 VAC, Einphasig

Kapsling

Grälackerat aluminiumchassi med nät över luftkanaler på 4 svängbara hjul. Bärhandtag och kablagefack.

Skyddsform	IP 20
Dimensioner, H*B*D	800*500*600 mm
Vikt	50 kg

Case

Grey aluminium case with mesh over air duct on 4 omni-directional wheels. Carrying handle and cable stowage facility.

Ingress protection	IP 20
Dimensions, H*W*D	800*500*600 mm
Weight	50 kg

Aufbau

Graues Aluminiumchassis mit Netzwerk über Luftkanäle. 4 Drehbare Rollen mit Brems. Handgriff und Kabelverwahrung.

Schutzart	IP 20
Maße H*B*T	800*500*600 mm
Gewicht	50 kg