

DC power supplies





Valued Industrial Partner

With more than forty years of experience in the development, production and distribution of automation components, and with a core expertise in monitoring technology, TELE plays a leading role in the international market. TELE's strong position enables us to provide customers with a service that extends beyond our own range of products. The international TELE sales network therefore provides not only proven TELE products, but also products from other leading manufacturers in selected countries.

In response to the needs of customers, TELE is extending its customer service for implementing complex solutions with the "VIP – Valued Industrial Partner" program. Make sure you too benefit from TELE's many years of experience in the sector. In addition to developing, producing and distributing TELE brand products, TELE will also advise and assist you in procuring verified quality from selected partners.



Schrack Energy technology

Schrack offers in the field of energy technology, an extensive range of solutions offering efficient energy use, state-of-the-art communication technology, industrial applications, safety and comfort products. Within a strategic partnership between TELE and Schrack customers in the UK and Germany are able to order selected components of the Schrack range throughout the TELE distribution network.



Fibox housing

The Fibox housing range comprises more than 500 different standard housings made of polycarbonate, ABS, polyester and aluminium to protect electrical and electronic components and systems. Within the VIP program – Valued Industrial Partner TELE is the distributor in Austria and your first contact for all questions regarding Fibox.



Rechner Sensors

Many consider the name RECHNER as being synonymous with the capacitive sensor. This range includes capacitive, inductive, opto-electronic, calorimetric and magneto-resistive sensors. The product range is complemented by a selection of ATEX approved sensors, ancillary equipment and transistor-based signal amplifiers, control units and power supplies. TELE distributes products from this VIP partner in Austria.

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA05-05A

DRA10-05A

DRA18-05A



Part number

491410

491411

491412

Input circuit

Supply voltage

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

Isolation Voltage

3kV

3kV

3kV

Inrush current

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

Output circuit

Efficiency in%

69

73

75

Output power

5W

10W

15W

Output voltage

5VDC

5VDC

5VDC

Output current

1A

2A

3A

Tolerance

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

50mV

50mV

Outputs

1

1

1

Output voltage adjustable

-10 to +15%

-10 to +15%

-10 to +15%

Overload protection

110-135%

110-135%

110-135%

Overvoltage protection

125-145%

125-145%

125-145%

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

PFC

-

-

-

Parallel function

-

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

22,5 x 115 x 90mm

22,5 x 115 x 90mm

22,5 x 115 x 90mm

Cooling

Air-cooling *

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +51 2%/°C

-10 to +71 • derating from +61 3%/°C

-10 to +71 • derating from +61 3%/°C

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA05-12A

DRA10-12A

DRA18-12A



Part number

491418

491419

491422

Input circuit

Supply voltage

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

Isolation Voltage

3kV

3kV

3kV

Inrush current

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

Output circuit

Efficiency in%

72

75

77

Output power

5W

10W

18W

Output voltage

12VDC

12VDC

12VDC

Output current

0,4A

0,8A

1,5A

Tolerance

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

50mV

50mV

Outputs

1

1

1

Output voltage adjustable

-10 to +15%

-10 to +15%

-10 to +15%

Overload protection

110-135%

110-135%

110-135%

Overvoltage protection

125-145%

125-145%

125-145%

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

PFC

-

-

-

Parallel function

-

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

22,5x115x90mm

22,5x115x90mm

22,5x115x90mm

Cooling

Air-cooling *

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +51 2%/°C

-10 to +71 • derating from +61 3%/°C

-10 to +71 • derating from +61 3%/°C

Certificates

UL/cUL • TÜV • CE • FCC

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA05-15A

DRA10-15A

DRA18-15A



Part number

491415

491414

491416

Input circuit

Supply voltage

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

Isolation Voltage

3kV

3kV

3kV

Inrush current

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

Output circuit

Efficiency in%

72

76

77

Output power

5W

10W

18W

Output voltage

15VDC

15VDC

15VDC

Output current

0,3A

0,7A

1,2A

Tolerance

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

50mV

50mV

Outputs

1

1

1

Output voltage adjustable

-10 to +15%

-10 to +15%

-10 to +15%

Overload protection

110-135%

110-135%

110-135%

Overvoltage protection

125-145%

125-145%

125-145%

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

PFC

-

-

-

Parallel function

-

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

22,5x115x90mm

22,5x115x90mm

22,5x115x90mm

Cooling

Air-cooling *

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +51 2%/°C

-10 to +71 • derating from +61 3%/°C

-10 to +71 • derating from +61 3%/°C

Certificates

UL/cUL • TÜV • CE • FCC

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA05-24A

DRA10-24A

DRA18-24A



Part number

491420

491424

491425

Input circuit

Supply voltage

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

90-265VAC • 120-370VDC

Isolation Voltage

3kV

3kV

3kV

Inrush current

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

10A at 115VAC; 18A at 230VAC

Output circuit

Efficiency in%

72

76

77

Output power

5W

10W

18W

Output voltage

24VDC

24VDC

24VDC

Output current

0,2A

0,4A

0,8A

Tolerance

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

50mV

50mV

Outputs

1

1

1

Output voltage adjustable

-10 to +20%

-10 to +20%

-10 to +20%

Overload protection

110-135%

110-135%

110-135%

Overvoltage protection

125-145%

125-145%

125-145%

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON
LED-indicator for DC LOW

PFC

-

-

-

Parallel function

-

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

22,5x115x90mm

22,5x115x90mm

22,5x115x90mm

Cooling

Air-cooling *

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +51 2%/°C

-10 to +71 • derating from +61 3%/°C

-10 to +71 • derating from +61 3%/°C

Certificates

UL/cUL • TÜV • CE • FCC

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRAN30-05A

DRAN60-05A

DRAN30-12A

DRAN60-12A



Part number

491576

491413

491572

491587

Input circuit

Supply voltage

85-264VAC • 90-375VDC

85-264VAC • 90-375VDC

85-264VAC • 90-375VDC

85-264VAC • 90-375VDC

Isolation Voltage

3kV

3kV

3kV

3kV

Inrush current

20A at 115VAC; 40A at 230VAC

20A at 115VAC; 40A at 230VAC

20A at 115VAC; 40A at 230VAC

30A at 115VAC; 60A at 230VAC

Output circuit

Efficiency in%

77

79

82

84

Output power

30W

60W

30W

60W

Output voltage

5VDC

5VDC

12VDC

12VDC

Output current

6A

10A

2,5A

5A

Tolerance

+/-1%

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

50mV

50mV

50mV

Outputs

1

1

1

1

Output voltage adjustable

5-5,5VDC

5-5,5VDC

12-14VDC

12-14VDC

Overload protection

110-140%

110-150%

110-140%

110-150%

Overvoltage protection

6 - 6,8VDC

6 - 6,8VDC

15 - 16,5VDC

15 - 16,5VDC

Short circuit protection

yes

yes

yes

yes

LED

LED-indicator for Power ON

LED-indicator for Power ON

LED-indicator for Power ON

LED-indicator for Power ON

PFC

-

-

-

-

Parallel function

-

-

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

IP 20

Mounting position

any

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

40,5x115x90mm

40,5x115x90mm

40,5x115x90mm

40,5x115x90mm

Cooling

Air-cooling *

Air-cooling *

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +61 2,5%/°C

-10 to +71 • derating from +61 2,5%/°C

-10 to +71 • derating from +61 2,5%/°C

-10 to +71 • derating from +61 2,5%/°C

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRAN30-24A

DRAN60-24A



Part number

491476

491575

Input circuit

Supply voltage

85-264VAC • 90-375VDC

85-264VAC • 90-375VDC

Isolation Voltage

3kV

3kV

Inrush current

20A at 115VAC; 40A at 230VAC

30A at 115VAC; 60A at 230VAC

Output circuit

Efficiency in%

83

86

Output power

30W

60W

Output voltage

24VDC

24VDC

Output current

1,25A

2,5A

Tolerance

+/-1%

+/-1%

Ripple & noise

50mV

50mV

Outputs

1

1

Output voltage adjustable

24-28VDC

24-28VDC

Overload protection

110-140%

110-150%

Overvoltage protection

30 - 33VDC

30 - 33VDC

Short circuit protection

yes

yes

LED

LED-indicator for Power ON

LED-indicator for Power ON

PFC

-

-

Parallel function

-

-

Mechanical design

IP rating

IP 20

IP 20

Mounting position

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

40,5x115x90mm

40,5x115x90mm

Cooling

Air-cooling *

Air-cooling *

Shockproof

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +61 2,5%/°C

-10 to +71 • derating from +61 2,5%/°C

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DR-75-12

DR-75-24



Part number

491608

491612

Input circuit

Supply voltage

85-264VAC • 120-370VDC

85-264VAC • 120-370VDC

Isolation Voltage

3kV

3kV

Inrush current

30A at 115VAC; 60A at 230VAC

30A at 115VAC; 60A at 230VAC

Output circuit

Efficiency in%

76

81

Output power

75W

75W

Output voltage

12VDC

24VDC

Output current

6,3A

3,2A

Tolerance

+/-2%

+/-1%

Ripple & noise

100mV

150mV

Outputs

1

1

Output voltage adjustable

12-14VDC

24-28VDC

Overload protection

105-150%

105-150%

Overvoltage protection

121-142%

121-142%

Short circuit protection

yes

yes

LED

LED-indicator for Power ON

LED-indicator for Power ON

PFC

-

-

Parallel function

-

-

Mechanical design

IP rating

IP 20

IP 20

Mounting position

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

55,5x100x125,2mm

55,5x100x125,2mm

Cooling

Air-cooling

Air-cooling

Shockproof

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +60 (refer to output load derating curve)

-10 to +60 (refer to output load derating curve)

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA120-12FSA

DR-120-12

DRA120-24FSA



Part number

491568

491602

491569

Supply voltage

93-132VAC (115VAC)
186-264VAC (230VAC)
210-370VDC (230VDC)

Input circuit

88-132VAC/176-264VAC
selectable via switch

93-132VAC (115VAC)
186-264VAC (230VAC)
210-370VDC (230VDC)

Isolation Voltage

3kV

3kV

3kV

Inrush current

24A at 115VAC; 48A at 230VAC

30A at 115VAC; 60A at 230VAC

30A at 115VAC; 60A at 230VAC

Output circuit

Efficiency in%

86

80

86

Output power

120W

120W

120W

Output voltage

12VDC

12VDC

24VDC

Output current

10A

10A

5A

Tolerance

+/-1%

+/-2%

+/-1%

Ripple & noise

50mV

80mV

50mV

Outputs

1

1

1

Output voltage adjustable

11,4-14,5VDC

12-14VDC

22,5-30VDC

Overload protection

105-125%

105-125%

105-125%

Overvoltage protection

125-145%

120-140%

125-145%

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON

LED-indicator for Power ON
LED-indicator for DC LOW

PFC

yes

-

yes

Parallel function

FPA yes

-

FPA yes

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

63,5x126x125mm

65,5x100x125,2mm

63,5x126x125mm

Cooling

Air-cooling *

Air-cooling

Air-cooling *

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +61 2,5%/°C

-10 to +60
(refer to output load derating curve)

-10 to +71 • derating from +61 2,5%/°C

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DRA120-24FPA

DR-120-24

DRH-120-24



Part number

491567

491603

491604

Supply voltage

93-132VAC (115VAC)
186-264VAC (230VAC)
210-370VDC (230VDC)

Input circuit

88-132VAC/176-264VAC
selectable via switch

340-550VAC, one phase

Isolation Voltage

3kV

3kV

3kV

Inrush current

30A at 115VAC; 60A at 230VAC

30A at 115VAC; 60A at 230VAC

50A

Output circuit

Efficiency in%

86

84

85

Output power

120W

120W

120W

Output voltage

24VDC

24VDC

24VDC

Output current

5A

5A

5A

Tolerance

+/-1%

+/-1%

+/-1%

Ripple & noise

50mV

80mV

80mV

Outputs

1

1

1

Output voltage adjustable

22,5-30VDC

24-28VDC

24-28VDC

Overload protection

105-125%

105-125%

105-125%

Overvoltage protection

125-145%

120-140%

30-36V

Short circuit protection

yes

yes

yes

LED

LED-indicator for Power ON
LED-indicator for DC LOW

LED-indicator for Power ON

LED-indicator for Power ON

PFC

yes

-

-

Parallel function

yes

-

-

Mechanical design

IP rating

IP 20

IP 20

IP 20

Mounting position

any

any

any

Mounting

DIN-Rail TS 35

DIN-Rail TS 35

DIN-Rail TS 35

Dimensions (WxDxH)

63,5x126x125mm

65,5x100x125,2mm

65,5x100x125,2mm

Cooling

Air-cooling *

Air-cooling

Air-cooling

Shockproof

VBG4

VBG4

VBG4

Ambient conditions

Operating temp. in °C

-10 to +71 • derating from +61 2,5%/°C

-10 to +60
(refer to output load derating curve)

-20 to +60
(refer to output load derating curve)

Certificates

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE

UL/cUL • TÜV • CE pending

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

| Typ | DRA240-24A | DRP-240-24 | DRA480-24A | DRP-480-24 |
|---------------------------|---|---|--|---|
| |  |  |  |  |
| Part number | 491571 | 491605 | 491577 | 491606 |
| | Input circuit | | | |
| Supply voltage | 93-132VAC (115VAC) 186-264VAC (230VAC) 210-370VDC (230VDC) | 90-265VAC • 120-370VDC | 90-264VAC • 120-370VDC | 180-264VAC • 250-370VDC |
| Isolation Voltage | 3kV | 3kV | 3kV | 3kV |
| Inrush current | 30A at 115VAC; 60A at 230VAC | 30A at 115VAC; 50A at 230VAC | 25A at 115VAC; 50A at 230VAC | 50A at 230VAC |
| | Output circuit | | | |
| Efficiency in% | 89 | 84 | 89 | 89 |
| Output power | 240W | 240W | 480W | 480W |
| Output voltage | 24VDC | 24VDC | 24VDC | 24VDC |
| Output current | 10A | 10A | 20A | 20A |
| Tolerance | +/-1% | +/-1% | +/-1% | +/-1% |
| Ripple & noise | 100mV | 80mV | 100mV | 120mV |
| Outputs | 1 | 1 | 1 | 1 |
| Output voltage adjustable | 22,5-28,5VDC | 24-28VDC | 22,5-28,5VDC | 24-28VDC |
| Overload protection | 105-145% | 105-150% | 120-140% | 105-150% |
| Overvoltage protection | 120-140% | 24-28V | 30-33VDC | 30-36V |
| Short circuit protection | yes | yes | yes | yes |
| LED | LED-indicator for Power ON | LED-indicator for Power ON LED-indicator for DC LOW | LED-indicator for Power ON LED-indicator for DC LOW | LED-indicator for Power ON |
| PFC | optional | yes | yes | yes |
| Parallel function | yes | - | yes | - |
| | Mechanical design | | | |
| IP rating | IP 20 | IP 20 | IP 20 | IP 20 |
| Mounting position | any | any | any | any |
| Mounting | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 |
| Dimensions (WxDxH) | 83x126x125mm | 125,5x100x125,2mm | 175x123x125mm | 227x100x125,2mm |
| Cooling | Air-cooling * | Air-cooling | Air-cooling * | Air-cooling |
| Shockproof | VBG4 | VBG4 | VBG4 | VBG4 |
| | Ambient conditions | | | |
| Operating temp. in °C | -10 to +71 • derating from +61 2,5%/°C | -10 to 55 at 100%; +70 at 60% load | -25 to +71 • derating from +61 4%/°C | -20 to 50 at 100%; +70 at 60% load |
| Certificates | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE |

* Recommended: 25mm free space to all sides

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- 3 Phasen Industrial housing

| Typ | DRT-240-24 | DRT-480-24 | DRT-960-24 | DRT-240-48 | DRT-480-48 |
|---------------------------|---|---|--|---|---|
| |  |  |  |  |  |
| Part number | 491590 | 491613 | 491614 | 491615 | 491616 |
| | Input circuit | | | | |
| Supply voltage | 340-550VAC • 3 Phase, 4 cables - 2 phase operation possible | 340-550VAC • 3 Phase, 4 cables - 2 phase operation possible | 340-550VAC • 3 Phasen, 4 cables | 340-550VAC • 3 Phase, 4 cables - 2 phase operation possible | 340-550VAC • 3 Phase, 4 cables - 2 phase operation possible |
| Isolation Voltage | 3kV | 3kV | 3kV | 3kV | 3kV |
| Inrush current | 50A | 50A | 50A | 50A | 50A |
| | Output circuit | | | | |
| Efficiency in% | 89 | 89 | 91 | 89 | 90 |
| Output power | 240W | 480W | 960W | 240W | 480W |
| Output voltage | 24VDC | 24VDC | 24VDC | 48VDC | 48VDC |
| Output current | 10A | 20A | 40A | 5A | 10A |
| Tolerance | +/-1% | +/-1% | +/-1% | +/-1% | +/-1% |
| Ripple & noise | 80mV | 80mV | 80mV | 80mV | 80mV |
| Outputs | 1 | 1 | 1 | 1 | 1 |
| Output voltage adjustable | 24-28VDC | 24-28VDC | 24-28VDC | 48-55VDC | 48-55VDC |
| Overload protection | 105-150% | 105-150% | 105-150% | 105-150% | 105-150% |
| Overvoltage protection | 30-36V | 30-36V | 30-36V | 59-66V | 59-66V |
| Short circuit protection | yes | yes | yes | yes | yes |
| LED | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON |
| PFC | - | - | - | - | - |
| Parallel function | - | - | yes (1+1) | - | - |
| | Mechanical design | | | | |
| IP rating | IP 20 | IP 20 | IP 20 | IP 20 | IP 20 |
| Mounting position | any | any | any | any | any |
| Mounting | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 |
| Dimensions (WxDxH) | 125,5x100x125,2mm | 227x100x125,2mm | 276x100x125,2mm | 125,5x100x125,2mm | 227x100x125,2mm |
| Cooling | Air-cooling | Air-cooling | Air-cooling | Air-cooling | Air-cooling |
| Shockproof | VBG4 | VBG4 | VBG4 | VBG4 | VBG4 |
| | Ambient conditions | | | | |
| Operating temp. in °C | -20 to +70 (refer to out- put load derating curve) | -20 to +70 (refer to out- put load derating curve) | -20 to +40 at 100%; +70 at 60% load | -20 to +70 (refer to out- put load derating curve) | -20 to +70 (refer to out- put load derating curve) |
| Certificates | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE |

DC power supply

Installation design for distribution boards and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Installation housing

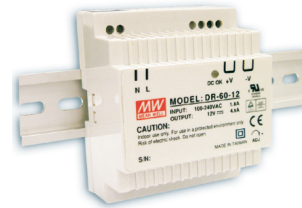
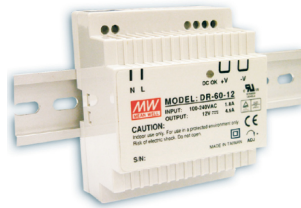
Typ

DR-30-12

DR-60-12

DR-30-24

DR-60-24



| Part number | 491620 | 491622 | 491623 | 491621 |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Input circuit | | | | |
| Supply voltage | 85-264VAC • 120-370VDC | 88-264VAC • 124-370VDC | 85-264VAC • 120-370VDC | 88-264VAC • 124-370VDC |
| Isolation Voltage | 3kV | 3kV | 3kV | 3kV |
| Inrush current | 27A at 115VAC; 36A at 230VAC | 27A at 115VAC; 36A at 230VAC | 27A at 115VAC; 36A at 230VAC | 27A at 115VAC; 36A at 230VAC |
| Output circuit | | | | |
| Efficiency in% | 81 | 82 | 83 | 84 |
| Output power | 24W | 54W | 36W | 60W |
| Output voltage | 12VDC | 12VDC | 24VDC | 24VDC |
| Output current | 2A | 4,5A | 1,5A | 2,5A |
| Tolerance | +/-1% | +/-1% | +/-1% | +/-1% |
| Ripple & noise | 120mV | 120mV | 120mV | 120mV |
| Outputs | 1 | 1 | 1 | 1 |
| Output voltage adjustable | +/-10% | +/-10% | +/-10% | +/-10% |
| Overload protection | 105-160% | 105-160% | 105-160% | 105-160% |
| Overvoltage protection | 115-135% | 115-135% | 115-135% | 115-135% |
| Short circuit protection | yes | yes | yes | yes |
| LED | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON |
| PFC | - | - | - | - |
| Parallel function | - | - | - | - |
| Mechanical design | | | | |
| IP rating | IP 20 | IP 20 | IP 20 | IP 20 |
| Mounting position | any | any | any | any |
| Mounting | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 |
| Dimensions (WxDxH) | 78x56x93mm | 78x56x93mm | 78x56x93mm | 78x56x93mm |
| Cooling | Air-cooling | Air-cooling | Air-cooling | Air-cooling |
| Shockproof | VBG4 | VBG4 | VBG4 | VBG4 |
| Ambient conditions | | | | |
| Operating temp. in °C | -20 to +50 at 100%; +60 at 80% load | -20 to +50 at 100%; +60 at 80% load | -20 to +50 at 100%; +60 at 80% load | -20 to +50 at 100%; +60 at 80% load |
| Certificates | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE |

DC power supply

Industrial housing for the switching cabinet and plant construction

- DIN rail mountable
- Overload and short circuit protection
- Industrial housing

Typ

DR-4512

DR-4515

DR-4524



| Part number | 491607 | 491609 | 491611 |
|---------------------------|--|--|--|
| | Input circuit | | |
| Supply voltage | 85-264VAC • 120-370VDC | 85-264VAC • 120-370VDC | 85-264VAC • 120-370VDC |
| Isolation Voltage | 3kV | 3kV | 3kV |
| Inrush current | 30A at 115VAC; 60A at 230VAC | 30A at 115VAC; 60A at 230VAC | 30A at 115VAC; 60A at 230VAC |
| | Output circuit | | |
| Efficiency in% | 77 | 77 | 80 |
| Output power | 45W | 45W | 45W |
| Output voltage | 12VDC | 15VDC | 24VDC |
| Output current | 3,5A | 2,8A | 2A |
| Tolerance | +/-1% | +/-1% | +/-1% |
| Ripple & noise | 200mV | 240mV | 480mV |
| Outputs | 1 | 1 | 1 |
| Output voltage adjustable | +/-10% | +/-10% | +/-10% |
| Overload protection | 105-150% | 105-150% | 105-150% |
| Overvoltage protection | 115-135% | 115-135% | 115-135% |
| Short circuit protection | yes | yes | yes |
| LED | LED-indicator for Power ON | LED-indicator for Power ON | LED-indicator for Power ON |
| PFC | - | - | - |
| Parallel function | - | - | - |
| | Mechanical design | | |
| IP rating | IP 20 | IP 20 | IP 20 |
| Mounting position | any | any | any |
| Mounting | DIN-Rail TS 35 | DIN-Rail TS 35 | DIN-Rail TS 35 |
| Dimensions (WxDxH) | 78x67x93mm | 78x67x93mm | 78x67x93mm |
| Cooling | Air-cooling | Air-cooling | Air-cooling |
| Shockproof | VBG4 | VBG4 | VBG4 |
| | Ambient conditions | | |
| Operating temp. in °C | 0 to 45 at 100%; -10 at 80%; +50 at 80% load | 0 to 45 at 100%; -10 at 80%; +50 at 80% load | 0 to 45 at 100%; -10 at 80%; +50 at 80% load |
| Certificates | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE | UL/cUL • TÜV • CE |

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