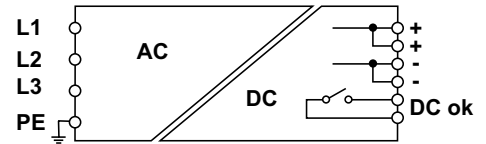
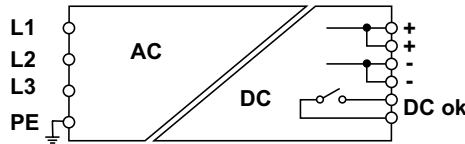


- 3-phase 400-500 Vac input
- Short circuit, overload, input and output overvoltage protections
- Over temperature protection
- Alarm contact
- High overload capability to ensure the protections selectivity and start-up of heavy loads
- —



NOTE

(1) Standard version (product after September 2019)
 (2) With protective coating that allow installation in environment with extreme conditions (product on demand)
 Please refer to the datasheet for more details



CODE	XCSL3480W048VAA	XCSL3480W048VGA
TYPE	CSL3-480W/048V/AA (1)	CSL3-480W/048V/GA (2)
INPUT TECHNICAL DATA		
Input rated voltage	3x 400-500 Vac	3x 400-500 Vac
Input voltage AC	340...550 Vac	340...550 Vac
Input voltage DC	500 - 600 Vdc	500 - 600 Vdc
Frequency	47...63 Hz	47...63 Hz
Current consumption	1.31 A (400 Vac)	1.31 A (400 Vac)
Inrush peak current	22 A	22 A
Power factor	0.76	0.76
Internal protection fuse	—	—
External protection on AC line	MCB: C-4 A / Fuse: T-3.15 A	MCB: C-4 A / Fuse: T-3.15 A
OUTPUT TECHNICAL DATA		
Output rated voltage	48 Vdc ±1%	48 Vdc ±1%
Output adjustable range	40.5 ... 55.5 Vdc	40.5 ... 55.5 Vdc
Continuous current	10 A at 50°C	10 A at 50°C
Overload limiting	14 A (max. 20 A constant current)	14 A (max. 20 A constant current)
Short circuit peak current	30A 400 ms On /800 ms Off (HICCUP mode)	30A 400 ms On /800 ms Off (HICCUP mode)
Ripple @ nominal ratings	45 mVpp	45 mVpp
Hold up time	10 ms (400 Vac)	10 ms (400 Vac)
Status indication	LED "DC OK", LED "Stand-by"	LED "DC OK", LED "Stand-by"
Alarm contact	dry contact, max. 1A @ 24 Vdc (Uout >43.2 Vdc)	dry contact, max. 1A @ 24 Vdc (Uout >43.2 Vdc)
Parallel connection	possible	possible
Redundant parallel connection	possible with external ORing diode	possible with external ORing diode
GENERAL TECHNICAL DATA		
Efficiency	91% (400 Vac)	91% (400 Vac)
Dissipated power	47.5 W (400 Vac)	47.5 W (400 Vac)
Operating temperature range	-20...+70°C (derating -14 W/°C >50°C)	-20...+70°C (derating -14 W/°C >50°C)
Input / output isolation	3 kVac / 60 s (SELV output)	3 kVac / 60 s (SELV output)
Input / ground isolation	1.5 kVac / 60 s	1.5 kVac / 60 s
Output / ground isolation	0.5 kVac / 60 s	0.5 kVac / 60 s
Standard / approvals	EN 60950-1	EN 60950-1
EMC Standards	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
Overvoltage category / Pollution degree	II / 2	II / 2
Protection degree	IP 20	IP 20
Connection terminal IN/OUT	4 mm ² / 4 mm ²	4 mm ² / 4 mm ²
Housing material	aluminium	aluminium
Dimension	80x170x127 mm	80x170x127 mm
Approximate weight	1.5 kg	1.5 kg
Mounting information	vertical on a rail, 20 mm from adjacent components	vertical on a rail, 20 mm from adjacent components
APPROVALS	UL PENDING	UL PENDING
ACCESSORIES		
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—	—
Marking tag	—	—