



Certification Record

CUSTOMER	CLASS	FILE
PULS GmbH Arabellastr. 15, Munich 81925 Germany	5318-81 POWER SUPPLIES-For Hazardous Locations - Certified to U.S. Standards Refer to Class Description for program details	095515_0_000

Class I, Division 2, Groups A, B, C and D

Din Rail Component type switching mode power supply, class I

Models: CS3.241, CS5.241, CS5.241-S1, CS5.243, CS5.244, CS10.241, CS10.241-S1, CS10.242, CS10.243, CS10.244, CS10.481; Temperature code T3

Ratings:

Model	Input	Output
CS3.241	100-240Vac; 50-60Hz; 1.4A	24-28Vdc; 3.3-2.7A (-25°C ≤ Ta ≤ 60°C)
CS5.241	100-120Vac/200-240Vac; 50-60Hz; 2.6-1.4A	24-28Vdc; 6-5.1A (-25°C ≤ Ta ≤ 45°C) 5-4.3A (-25°C ≤ Ta ≤ 60°C)
CS5.241-S1	100-120Vac/200-240Vac; 50-60Hz; 2.6-1.4A	24-28Vdc; 6-5.1A (-25°C ≤ Ta ≤ 45°C) 5-4.3A (-25°C ≤ Ta ≤ 60°C)
CS5.243	100-120Vac; 50-60Hz; 2.6A	24-28Vdc; 6-5.1A (-10°C ≤ Ta ≤ 45°C) 5-4.3A (-10°C ≤ Ta ≤ 60°C)
CS5.244	200-240Vac; 50-60Hz; 1.4A	24-28Vdc; 6-5.1A (-10°C ≤ Ta ≤ 45°C) 5-4.3A (-10°C ≤ Ta ≤ 60°C)
CS10.241	100-120Vac/200-240Vac; 50-60Hz; 5.0-2.7A	24-28Vdc; 12-10.3A (-25°C ≤ Ta ≤ 45°C) 10-8.6A (-25°C ≤ Ta ≤ 60°C)
CS10.241-S1	100-120Vac/200-240Vac; 50-60Hz; 5.0-2.7A	24-28Vdc; 12-10.3A (-25°C ≤ Ta ≤ 45°C) 10-8.6A (-25°C ≤ Ta ≤ 60°C)
CS10.242	100-120Vac/200-240Vac; 50-60Hz; 5.0-2.4A	24-28Vdc; 12-10.3A (-25°C ≤ Ta ≤ 45°C) 10-8.6A (-25°C ≤ Ta ≤ 60°C)
CS10.243	100-120Vac; 50-60Hz; 5A	24-28Vdc; 12-10.3A (0°C ≤ Ta ≤ 45°C) 10-8.6A (0°C ≤ Ta ≤ 60°C)
CS10.244	200-240Vac; 50-60Hz; 2.7A	24-28Vdc; 12-10.3A (0°C ≤ Ta ≤ 45°C) 10-8.6A (0°C ≤ Ta ≤ 60°C)
CS10.481	100-120Vac/200-240Vac; 50-60Hz; 5.0-2.7A	48-52Vdc; 6-5.5A (-25°C ≤ Ta ≤ 45°C) 5-4.6A (-25°C ≤ Ta ≤ 60°C)

Conditions of Certification:

- Units were evaluated as components where the suitability of the combination must be determined in the end use product by the local authority having jurisdiction.
- A suitable mechanical, electrical and fire enclosure must be provided for the end product

Class I, Division 2, Groups A, B, C and D

Din Rail Component Type Switching Mode Power Supply, Class I

Models: QS3.241 (RPS80EEC), QS5.241 (RPS120EEC), QS5.DNET, QS10.121, QS10.241, QS10.241-C1, QS10.301, QS10.481, QS10.DNET, QS20.241, QS20.241-C1, QS20.244, QS20.361, QS20.481, suffix -A1 optional for models with coating; Temperature Code T3/T4.

RATINGS:

Model	Input	Output
QS3.241 (RPS80EEC)	100-240Vac ±15%, 50-60Hz, 1.8-1.0A	24-28Vdc, 3.4-3.0A
QS3.241-A1	100-240Vac ±15%, 50-60Hz, 1.8-1.0A	24-28Vdc, 3.4-3.0A
QS5.241 (RPS120EEC)	100-240Vac +10%/-15%, 50-60Hz, 1.4-0.65A	24-28Vdc, 5.0-4.5A
QS5.241-A1	100-240Vac +10%/-15%, 50-60Hz, 1.4-0.65A	24-28Vdc, 5.0-4.5A
QS5.DNET	100-240Vac +10%/-15%, 50-60Hz; 1.1-0.5A	24Vdc, 3.8A
QS5.DNET-A1	100-240Vac +10%/-15%, 50-60Hz; 1.1-0.5A	24Vdc, 3.8A
QS10.121	100-240Vac ±15%, 50-60Hz; 2.1-0.9A	12-15Vdc, 15.0-12.0A
QS10.121-A1	100-240Vac ±15%, 50-60Hz; 2.1-0.9A	12-15Vdc, 15.0-12.0A
QS10.241	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	24-28Vdc, 10.0-9.0A
QS10.241-A1	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	24-28Vdc, 10.0-9.0A
QS10.241-C1	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	24-28Vdc, 10.0-9.0A
QS10.301	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	28-32Vdc, 8.6-7.5A
QS10.301-A1	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	28-32Vdc, 8.6-7.5A
QS10.481	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	48-56Vdc, 5.0-4.3A
QS10.481-A1	100-240Vac ±15%, 50-60Hz; 2.8-1.2A	48-56Vdc, 5.0-4.3A
QS10.DNET	100-240Vac ±15%, 50-60Hz; 2.3-1.0A	24Vdc, 8.0A
QS10.DNET-A1	100-240Vac ±15%, 50-60Hz; 2.3-1.0A	24Vdc, 8.0A
QS20.241	100-240Vac ±15%, 50-60Hz, 5.4-2.4A	24-28Vdc, 20.0-17.1A
QS20.241-A1	100-240Vac ±15%, 50-60Hz, 5.4-2.4A	24-28Vdc, 20.0-17.1A
QS20.241-C1	100-240Vac ±15%, 50-60Hz, 5.4-2.4A	24-28Vdc, 20.0-17.1A
QS20.244	200-240Vac ±15%, 50-60Hz, 4.8A	24-28Vdc, 20.0-17.1A
QS20.244-A1	200-240Vac ±15%, 50-60Hz, 4.8A	24-28Vdc, 20.0-17.1A
QS20.361	100-240Vac ±15%, 50-60Hz, 5.4-2.4A;	36-42Vdc, 13.3-11.4A
QS20.361-A1	100-240Vac ±15%, 50-60Hz, 5.4-2.4A;	36-42Vdc, 13.3-11.4A
QS20.481	100-240Vac ±15%, 50-60Hz, 5.4-2.4A;	48-55Vdc, 10.0-8.7A
QS20.481-A1	100-240Vac ±15%, 50-60Hz, 5.4-2.4A;	48-55Vdc, 10.0-8.7A

25°C ≤ Ta ≤

+60°C

Conditions of Certification:

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