Europa components

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It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.
All connections should be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS

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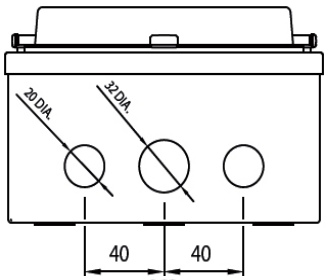
CE

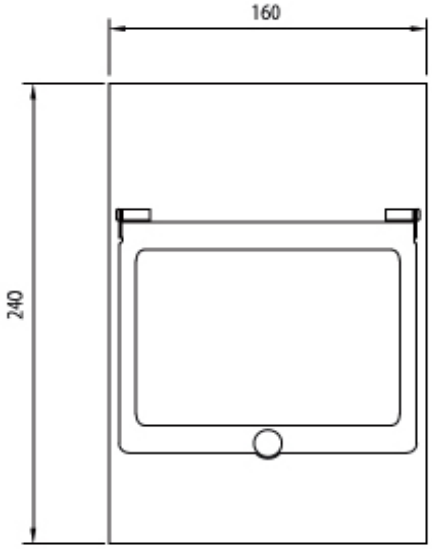
Part Number: **ECSS-302D**

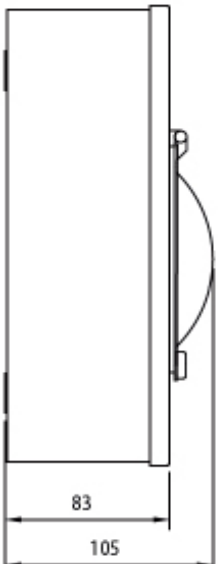
IP54 Enclosed Prewired TT/TN Type 2 SPD 3P 63A MCB

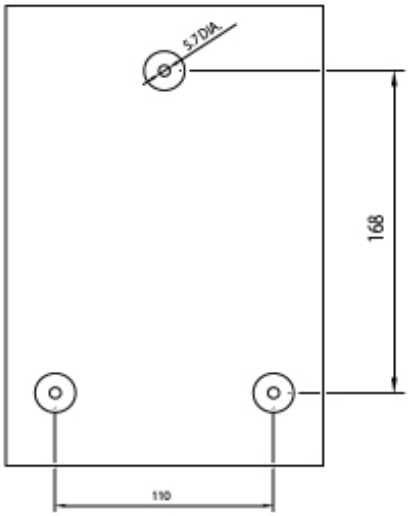
- **Amendment 3 Compliant**
- **IP54 Metal Enclosure**
- **Epoxy powder coated RAL7035**
- **Top and bottom cable entries**

Dimensions









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MCB Specification

MCB Part No.	EUC3P63C
Standard(s)	IEC 60898, EN 60898
Certification	SEMKO
Characteristic Curves	B
Rated Current (In)	63A
Rated Voltage (Ue)	AC 230(240)/400(415)V
Rated Frequency	50/60Hz
Rated impulse withstand Voltage (Uimp)	4kV
Energy Limiting Class	3
Number of Poles	3
Rated Short-Circuit Capacity (Icn)	10kA
Operating Temperature	-5° to 40°C
Altitude	Not exceeding 2000 metres
Humidity	Not exceeding 50% at 40°C and 90% at 20°C
Pollution Degree	2
Overvoltage Category	III
Terminal protection	IP20
Mounting	35mm DIN Rail
Terminal Type	Tunnel
Terminal Capacity	1.0-25mm²
Recommended Terminal Torque	2.0Nm

* average not exceeding 35°C over a 24 hour period

SPD Specification

SPD Part No.	900455
SPD according to EN 61643-11	type 2
Power supply system	three-phase TT / TN system
Nominal a.c. voltage (UN)	230 / 400 V (50 / 60 Hz)
Max. continuous operating a.c. voltage [L-N] (UC)	275 V (50 / 60 Hz)
Max. continuous operating a.c. voltage [N-PE] (UC)	255 V (50 / 60 Hz)
Follow current extinguishing capability [N-PE] (Ifi)	100 A
Nominal discharge current (8/20 µs) [L-N] (In)	5 kA
Nominal discharge current (8/20 µs) [N-PE] (In)	20 kA
Max. discharge current (8/20 µs) [L-N] (Imax)	15 kA
Max. discharge current (8/20 µs) [N-PE] (Imax)	40 kA
Voltage protection level (UP)	≤ 1.5 kV
Protective conductor current (IPE)	≤ 5 µA
Response time [L-N] (tA)	≤ 25 ns
Response time [N-PE] (tA)	≤ 100 ns
Max. mains-side overcurrent protection	MCB C 63 A
Short-circuit withstand capability (ISCCR)	6 kA
Temporary overvoltage (TOV) L-N (UT)	335 V / 5 s
Temporary overvoltage (TOV) [N-PE] (UT)	1200 V / 200 ms
Operating temperature range	-40 °C ... +80 °C
Operating state / fault indication	green / red
Cross-sectional area, solid / flexible (max.)	10 mm2 / 6 mm2