

# JUMBO 2

## 32 AMP TECHNICAL DOCUMENT

**COMPLIANT: AS/NZ 61439.4:2016 FOR USE WITH AS/NZ61439.1:2016**

RATED VOLTAGE (Un)	230 / 400 V
RATED OPERATIONAL VOLTAGE (UE)   MAIN CIRCUIT	230 / 400 V
RATED FREQUENCY	50 - 60 HZ
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4kV
RATED CONDITIONAL SHORT-CIRCUIT CURRENT - 3 PHASES (ICC)	10kA
RATED INSULATION VOLTAGE (UI)	440V

RATED CURRENT					32Amp					
RATED CURRENT OF EACH CIRCUIT (Amp)										
Circuit 1	Circuit 2	Circuit 3	Circuit 4	Circuit 5	Circuit 6	Circuit 7	Circuit 8	Circuit 9	Circuit 10	Circuit 11
32A	16A	16A	16A	16A	16A	16A	16A	16A	16A	16A

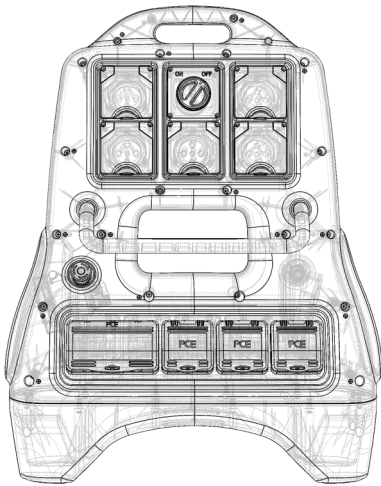
### FUNCTIONS ASSIGNED BY THE MANUFACTURER

<b>Incoming supply function</b> - Suitability for a connection of the ACS either to electricity public supply network or to the transformer substation or to on site generator.	<b>Distribution function</b> - Suitability to provide the distribution and protection of electrical supply on the construction site by means of terminal connection or socket-outlets.
<b>DIELECTRIC PROPERTIES: POLLUTION DEGREE</b>	2
<b>DEGREE OF PROTECTION</b>	IP64
<b>INSTALLATION LOCATION</b>	INDOOR / OUTDOOR
<b>EXTERNAL DESIGN</b>	ENCLOSED ACS
<b>AMBIENT TEMPERATURE</b>	-25C TO 40C
<b>ALTITUDE</b>	0-2000M
<b>HUMIDITY</b>	100% at 25C

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<b>RATED DIVERSITY FACTOR (RDF)</b>	<b>0.6</b>
<b>MOBILITY</b>	<b>TRANSPORTABLE ACS SEMI FIXED</b>
<b>MOUNTING</b>	<b>FIXED PARTS</b>
<b>PROTECTION AGAINST ELECTRIC SHOCK</b>	<b>TOTAL INSULATION / PROTECTIVE EARTH</b>



<b>SUMO JUMBO 2 - 32 AMP GENERAL CHARACTERISTICS</b>	
<b>LENGTH</b>	<b>680 mm</b>
<b>WIDTH</b>	<b>450 mm</b>
<b>HEIGHT</b>	<b>860 mm</b>
<b>WEIGHT</b>	<b>28 KGs</b>
<b>MANUFACTURER</b>	<b>MYNT GROUP OF COMPANIES</b>

### HANDLING

Sumo Jumbo 2 products are fitted with three lifting handles for ease of carrying and can be utilized to mechanically fix board emplace. Sumo Jumbo 2 products can be transported twelve units to a pallet (stackable).

### INSTALLATION:

Sumo Jumbo 2 products are plug and play allowing any competent person to connect cables to the board. Sumo Jumbo 2 products must be placed on a flat, stable dry surface and must not be submerged in water in any circumstance.

### OPERATION:

Cables must be installed such that they are protected against mechanical damage (Standard AS/NZS 3000:2018). Any leads and cabled connected to Sumo Jumbo 2 must have a current test tag attached. Tools, leads and equipment plugged into a Sumo Jumbo 2 which have a current tag are deemed to comply with this requirement.

### MAINTENANCE:

All servicing, repairs of Sumo Jumbo 2 products must be completed by qualified electrician. Visual inspections may be performed by a competent person to inspect for any damage or defects to the plugs or connectors.

### NOTES

- A qualified person is required for the installation and verification of direct connected sub-mains and equipment.
- A qualified person is required for the installation and verification of sub-mains (interconnecting cable) for plug and socket connected ACSs.
- An overcurrent protective device rated at equal to or less than the rating of the CEE industrial socket-outlet must be incorporated for the connection of sub-mains in accordance with the AS/NZS wiring rules (AS/NZS 3000 standard).