

ELECTRICAL COMPONENTS FOR THE MODULAR SYSTEM



ELECTRICAL COMPONENTS

A natural supplement to the Modular System CUBIC now offers four types of electrical components.

During the design of the panel various electrical components are needed. CUBIC has chosen these components as they fit perfectly with CUBIC's products.

CURRENT TRANSFORMERS

Split core current transformers are unique. They fit perfectly on the S2000 busbars, and can be easily mounted on the rails, even after the panel is completed.

Due to the split core the entire installation is simplified and hereby increases the competitiveness, since it is not required to interrupt busbar connection.

The compact size also ensures that the current transformer can be used even in places where space is extremely limited.

The easy installation of the current transformer provides optimum protection and flexibility.

The current transformers are available in sizes ranging from 150A to 2000A.



ASSORTMENT

Type No.	Description	Primary/secondary power	Accuracy class
3802-0151	Current transformer CTD-8S	150A/1A	3
3802-0200	Current transformer CTD-8S	200A/5A	3
3802-0301	Current transformer CTD-8S	300A/1A	3
3802-0400	Current transformer CTD-8S	400A/5A	1
3802-0401	Current transformer CTD-8S	400A/1A	1
3802-0600	Current transformer CTD-8S	600A/5A	1
3802-0601	Current transformer CTD-8S	600A/1A	1
3802-0800	Current transformer CTD-8S	800A/5A	1
3802-0801	Current transformer CTD-8S	800A/1A	1
3802-1000	Current transformer CTD-8S	1000A/5A	1
3802-1001	Current transformer CTD-8S	1000A/1A	1
3802-1250	Current transformer CTD-8S	1250A/5A	1
3802-1251	Current transformer CTD-8S	1250A/1A	1
3802-1600	Current transformer CTD-8S	1600A/5A	1
3802-1601	Current transformer CTD-8S	1600A/1A	1
3802-2000	Current transformer CTD-8S	2000A/5A	1
3802-2001	Current transformer CTD-8S	2000A/1A	1

ADVANTAGES

- Quick mounting
- Easy to open and close the CT core with the associated sealed screws.
- Multiple screws with isolation cap ensures strong and reliable fastening of the current transformer to the busbar
- Screw terminals compatible with any kind of wire terminals
- Protection of screw terminals using specific seals to achieve the best security
- Primary currents from 150A to 2000A
- Double screw terminals
- Ability to seal the fastening screws



Spacer
Type No. 4112-0001
Depending on the rail
dimension a number of
spacer plates are inserted
in the front and rear rails



MULTI INSTRUMENT 400V

The Multi instrument provides both easy mounting on DIN rails and doors. The instrument has a detachable display with several display options for optimal monitoring such as: W, Var, PF, phase sequence, VLL, VLN, A, kWh and kVArh.

Type No. 3801-0001



The Multi instrument allows mounting in both doors and on DIN rails.

EARTHING AND SHORT-CIRCUITING DEVICES

Safety products for working according to the five safety rules.










The products fits perfectly in the CUBIC Modular System and they are designed according to IEC/EN 61230.

Fixed Ball Points Ø20mm can easily be mounted directly on the PE-Busbar.

Clamping points can easily be mounted directly on the S2000 busbar system by using brackets for single or double S2000 system.

Before service or other maintenance on the panel. The short-circuiting busbar incl. wire can easily be mounted by using earthing stick and adaptor.

During service and maintenance you can now be sure that the panel is de-energized.

Type No.	Description	
3807-0300	Short circuiting busbar 300 mm incl. wire	
3807-0650	Short circuiting busbar 650 mm incl. wire	
3807-0001	Clamping point for busbar	
0879-0001	Bracket for clamping point, single S2000	
0879-0002	Bracket for clamping point, double S2000	
3807-0003	Earthing stick T-Pin	
3807-0002	SQ screw-type adapter	
3807-0004	Fixed ball point ø20, angled with terminal lug	
3807-0005	Fixed ball point ø20, straight with female thread M10	

SURGE ARRESTER

Surge arresters are components that protect the switching equipment from over-voltage transients. The components are from Dehn and come in several versions: DEHNventil, DEHNshield & DEHNgard. The variants include both surge arresters and combined lightning / surge arresters and come both with and without signal contact.



Type No. 3803-0001
DEHNventil TNC 255



Type No. 3803-0002
DEHNventil TNC 255 FM



Type No. 3803-0003
DEHNshield TNC 255



Type No. 3803-0011
DEHNventil TT 255



Type No. 3803-0012
DEHNventil TT 255 FM



Type No. 3803-0013
DEHNshield TT 255



Type No. 3803-0021
DEHNgard M TNC 275



Type No. 3803-0022
DEHNgard M TNC 275 FM



Type No. 3803-0031
DEHNgard M TT 275



Type No. 3803-0032
DEHNgard M TT 275 FM



Type No. 3803-0041
DEHNgard M TT CI 275



Type No. 3803-0042
DEHNgard M TT CI 275 FM

HEAD OFFICE - DENMARK

CUBIC-Modulsystem A/S
Skjoldborgsgade 21
DK-9700 Broenderslev
Tel: +45 9882 2400
Email: info@cubic.eu
www.cubic.eu

CUBIC
A ROCKWELL AUTOMATION COMPANY