

THE FAST EJECTION SHOT CONTROL UNIT

H. Dijkhuizen

1. Functional description

This unit controls together with the shot interference relay unit (TN-188) the operation of the equipment in each of the three ejection shots. The equipment can be switched "on" and "off" step by step or all at once by the combined control push-button set. Before starting up an ejection channel the push-buttons "REQUIRED" should be pressed for the necessary equipment in any ejection channel.

This is foreseen to memorize for the combined control push-buttons set what to switch on when "on" is pressed. For step by step control it is useful to reflect and it is necessary to make once the preselection "REQUIRED" before switching on an ejection channel.

The memorized preselections "REQUIRED" may be cancelled on the "combined control" part. As each shot control line can possibly be taken over in the future by a programmer/matrix unit, lamp indicators are provided for internal or external control.

2. Construction

The unit must be constructed in a 6 H high CERN standard chassis. The relay sockets (soldering type) should be mounted on a suitable plexiglas or a peraluman 30 PRE (brush-dull finish) plate. The mounting plate for the relays should be fixed horizontally in the chassis. The relays must be clearly numbered, corresponding to the drawing.

3. Drawing

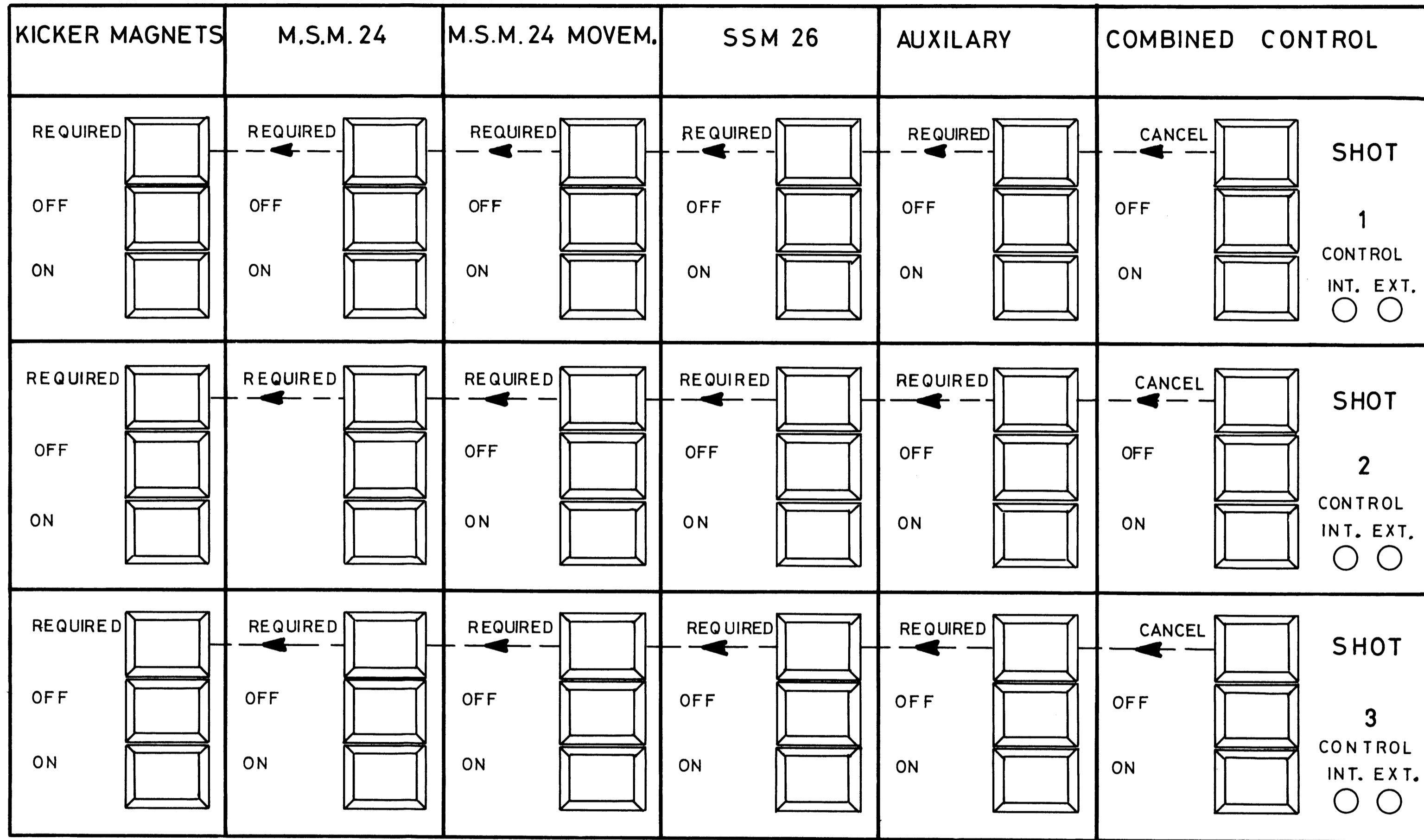
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Front panel.

19"

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6 H



Nombre de pièces		Désignation	Pos.	Matière	Observations		
III	II	I	Mod.	Date	Nom	Tolérances générales	
			A			de à ±	
			B			de à ±	
			C			de à ±	
			Ensemble		S. Ensemble		Dessiné 10-06-70 J. Braichet
			GENERAL INTERLOCKS			Echelle	Contrôlé
			FAST EJECTION SHOT CONTROL UNIT				Vu
			FRONT PANEL				Remplace
			ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE				Remplacé par
			CERN EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH			FES	363-302-2
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