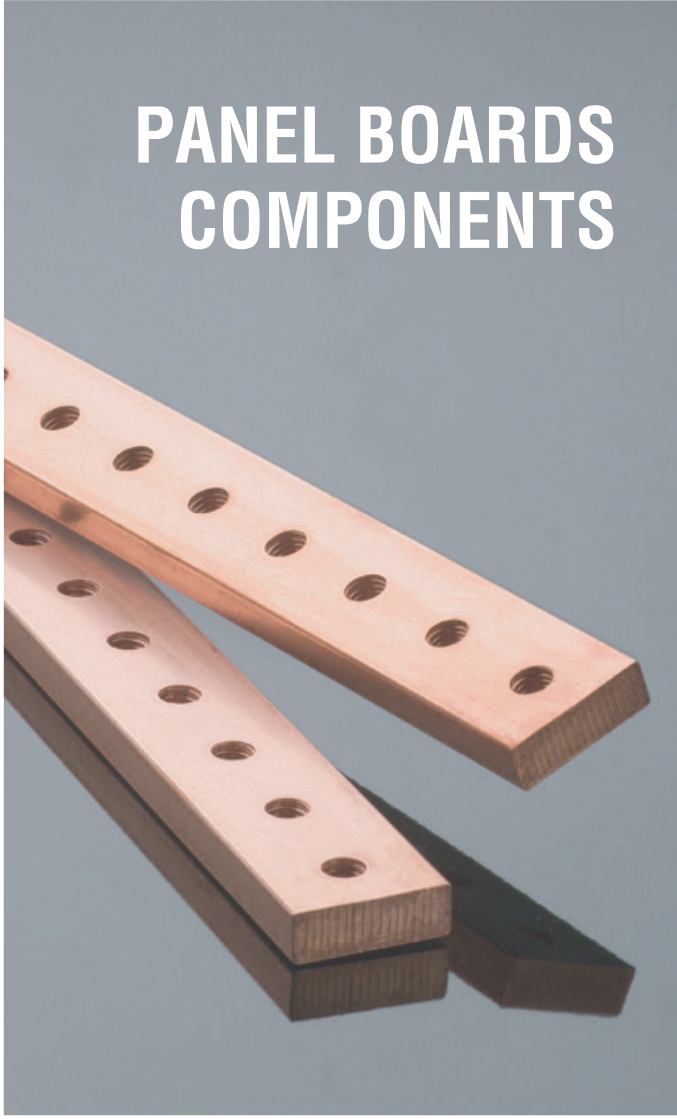
BMC GROUP

PANEL BOARDS COMPONENTS



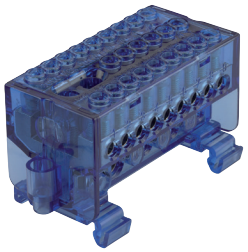


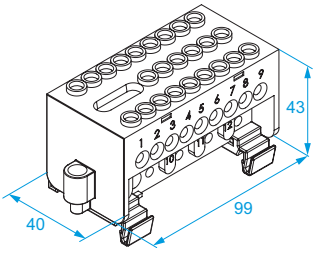




Excerpt from
General Catalogue Ed.60

DISTRIBUTION BLOCK FOR GROUND CONNECTIONS





One-way distribution block with 26 inputs that can be installed by means of screws or DIN 46277/3 (EN 50022) rails.
The small size allows installation inside the small boxes usually found in buildings with existing piping. The two-level cabling system allows the wires to be easily inserted. The use of this distribution block is recommended both for connecting the conductors as an equipotential earth node and for connection to extraneous masses (metal structures, piping etc.) in the electrical facilities of medical premises.

INSULATING HOUSING: transparent polycarbonate (PC) UL 94 V0

CONDUCTIVE BODY: nickel-plated brass

CAPTIVE SCREW IN: galvanized steel

MAX OPERATING TEMPERATURE: 85 °C

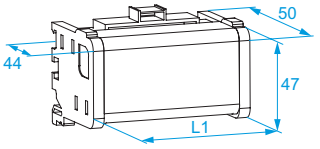
Code	Overall inputs	Inputs	Conductor section (mm²)	Type of connection	
9926	26	2 24	16 ÷ 35 2,5 ÷ 10	⏚	1/5

CE

HALOGEN FREE

DISTRIBUTION BLOCKS · 2-WAYS 100 A





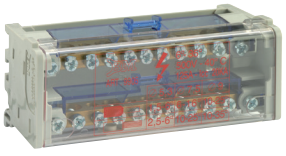
INSULATING HOUSING: polycarbonate (PC)
CONNECTION BARS IN: brass
SCREW IN: galvanized steel
INSULATION SELF-EXTINGUISHING: IEC 69522, UL 94 V0 IEC 69521 at/up to 960 °C
RATED INSULATION VOLTAGE: 500 V
TEST VOLTAGE: 3000 V
TIGHTENING TORQUE ON THE SCREW: 2 Nm
TYPE OF MOUNT: on EN 50022 rail, via screws
ACCORDING TO STD.: EN 60947-1, EN 60998-1, EN 60998-2-1

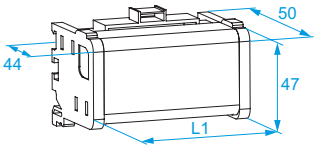
Code	N. of 17.5 mm modules	Peak current	Inputs/ways	Conductor section flexible (mm²)	Conductor section rigid (mm²)	L1 (mm)	
9904	4	Icc 20	5 2	1,5 - 6 6 - 16	2,5 - 6 10 - 25	70	1/5

CE

HALOGEN FREE

DISTRIBUTION BLOCKS · 2-WAYS 125 A





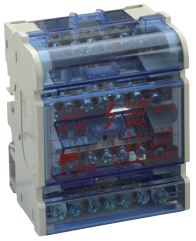
INSULATING HOUSING: polycarbonate (PC)
CONNECTION BARS IN: brass
SCREW IN: galvanized steel
INSULATION SELF-EXTINGUISHING: IEC 69522, UL 94 V0 IEC 69521 at/up to 960 °C
RATED INSULATION VOLTAGE: 500 V
TEST VOLTAGE: 3000 V
TIGHTENING TORQUE ON THE SCREW: 2 Nm
TYPE OF MOUNT: on EN 50022 rail, via screws
ACCORDING TO STD.: EN 60947-1, EN 60998-1, EN 60998-2-1

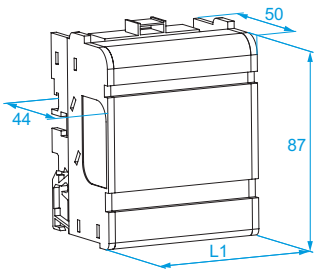
Code	N. of 17.5 mm modules	Peak current	Inputs/ways	Conductor section flexible (mm²)	Conductor section rigid (mm²)	L1 (mm)	
9905	6	Icc 20	7 2 2	1,5 - 6 6 - 16 10 - 25	2,5 - 6 10 - 25 10 - 35	105	1/5
9906	8	Icc 18	11 2 2	1,5 - 6 6 - 16 10 - 25	2,5 - 6 10 - 25 10 - 35	140	1/5

CE

HALOGEN FREE

DISTRIBUTION BLOCKS · 4-WAYS 100 A





INSULATING HOUSING: polycarbonate (PC)
CONNECTION BARS IN: brass
SCREW IN: galvanized steel
INSULATION SELF-EXTINGUISHING: IEC 69522, UL 94 V0 IEC 69521 at/up to 960 °C
RATED INSULATION VOLTAGE: 500 V
TEST VOLTAGE: 3000 V
TIGHTENING TORQUE ON THE SCREW: 2 Nm
TYPE OF MOUNT: on EN 50022 rail, via screws
ACCORDING TO STD.: EN 60947-1, EN 60998-1, EN 60998-2-1

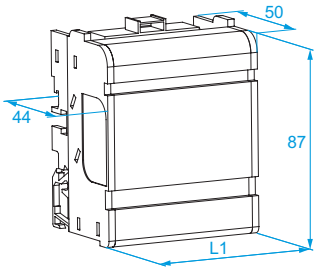
Code	N. of 17.5 mm modules	Peak current	Inputs/ways	Conductor section flexible (mm²)	Conductor section rigid (mm²)	L1 (mm)	
9907	4	Icc 20	5 2	1,5 - 6 6 - 16	2,5 - 6 10 - 25	70	1/5

CE

HALOGEN FREE

DISTRIBUTION BLOCKS · 4-WAYS 125 A





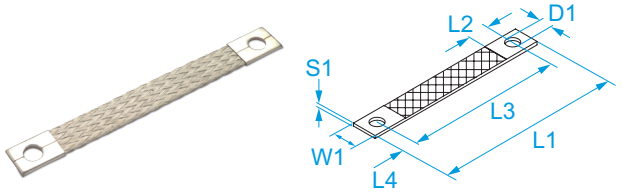
INSULATING HOUSING: polycarbonate (PC)
CONNECTION BARS IN: brass
SCREW IN: galvanized steel
INSULATION SELF-EXTINGUISHING: IEC 69522, UL 94 V0 IEC 69521 at/up to 960 °C
RATED INSULATION VOLTAGE: 500 V
TEST VOLTAGE: 3000 V
TIGHTENING TORQUE ON THE SCREW: 2 Nm
TYPE OF MOUNT: on EN 50022 rail, via screws
ACCORDING TO STD.: EN 60947-1, EN 60998-1, EN 60998-2-1

Code	N. of 17.5 mm modules	Peak current	Inputs/ways	Conductor section flexible (mm²)	Conductor section rigid (mm²)	L1 (mm)	
9911	6	Icc 20	7 2 2	1,5 - 6 6 - 16 10 - 25	2,5 - 6 10 - 25 10 - 35	105	1/5
9915	8	Icc 18	11 2 2	1,5 - 6 6 - 16 10 - 25	2,5 - 6 10 - 25 10 - 35	140	1/5

CE

HALOGEN FREE

FLEXIBLE COPPER TWISTED PAIRS FOR EARTHING CONNECTIONS

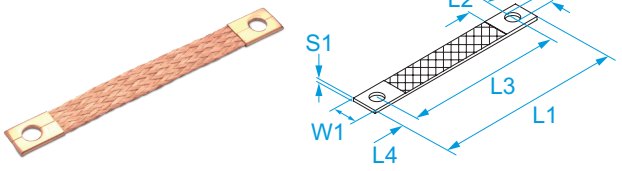


MATERIAL: tinned copper
OPERATING TEMPERATURE: from -50 °C to +150 °C
SINGLE WIRE: Cu-ETP EN13602

Code	Section (mm²)	Section (AWG/MCM)	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	Rated current (ΔT = 30 °C) (A)	
61015	10	(8)	17	2	150	12	130	10	9	90	25/25
61017			17	2	170	12	150	10	9	90	25/25
61020			17	2	200	12	180	10	9	90	25/25
61025			17	2	250	12	230	10	9	90	25/25
61115	16	(6)	17	2,5	150	12	130	10	9	120	25/25
61120			17	2,5	200	12	180	10	9	120	25/25
61125			17	2,5	250	12	230	10	9	120	25/25
61130			17	2,5	320	12	300	10	9	120	25/25
61135			17	2,5	350	12	330	10	9	120	25/25
61142			17	2,5	420	12	400	10	9	120	25/25
61157			17	2,5	570	12	550	10	9	120	25/25
61166			17	2,5	660	12	640	10	9	120	25/25
61215	25	(4)	22	3	150	12	130	10	9	150	25/25
61220			22	3	200	12	180	10	9	150	25/25
61225			22	3	250	12	230	10	9	150	25/25
61230			22	3	300	12	280	10	9	150	25/25

Different sizes are available on demand.

FLEXIBLE COPPER TWISTED PAIRS FOR EARTHING CONNECTIONS

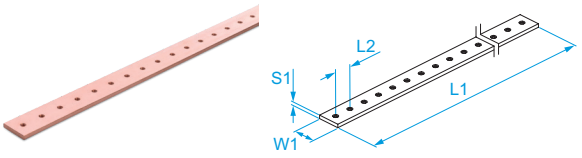


MATERIAL: copper
OPERATING TEMPERATURE: from -50 °C to +150 °C
SINGLE WIRE: Cu-ETP EN13602

Code	Section (mm²)	Section (AWG/MCM)	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	D1 (mm)	Rated current (ΔT = 30 °C) (A)	
60015	10	(8)	17	2	150	12	130	10	9	90	25/25
60020			17	2	200	12	180	10	9	90	25/25
60025			17	2	250	12	230	10	9	90	25/25
60115	16	(6)	17	2,5	150	12	130	10	9	120	25/25
60120			17	2,5	200	12	180	10	9	120	25/25
60125			17	2,5	250	12	230	10	9	120	25/25
60130			17	2,5	320	12	300	10	9	120	25/25
60135			17	2,5	350	12	330	10	9	120	25/25
60142			17	2,5	420	12	400	10	9	120	25/25
60157			17	2,5	570	12	550	10	9	120	25/25
60166			17	2,5	660	12	640	10	9	120	25/25
60215	25	(4)	22	3	150	12	130	10	9	120	25/25
60220			22	3	200	12	180	10	9	150	25/25
60225			22	3	250	12	230	10	9	150	25/25
60230			22	3	300	12	280	10	9	150	25/25

Different sizes are available on demand.

THREADED COPPER BUSBARS



MATERIAL: electrolytic copper

PROFILE: round edges

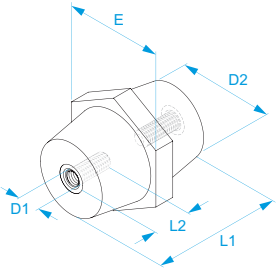
APPLICATIONS: power distribution, heavy duty power connections, earth/ground connections, circuit breaker, generator and power network conductors

Code	W1 (mm)	S1 (mm)	L1 (mm)	L2 (mm)	Thread	N. holes	Rated current (ΔT = 30 °C) (A)	Rated current (ΔT = 50 °C) (A)	
QB1221518	12	2	1000	18	M5	108	55	142	10/10
QB1241518		4	1000	18	M5	160	55	210	10/10
QB1242518		4	2000	18	M5	160	111	210	10/10
QB1251518		5	1000	18	M5	183	55	240	4/4
QB1551625	15	5	1000	25	M6	218	40	286	4/4
QB1552617		5	2000	17,5	M6	218	113	286	4/4
QB2051625	20	5	1000	25	M6	274	40	362	4/4
QB2052625		5	2000	25	M6	274	80	362	4/4
QB2052517		5	2000	17,5	M5	274	113	362	4/4
QB2011825		10	1000	25	M8	427	40	595	4/4
QB2541620	25	4	1000	20	M6	288	50	380	4/4
QB3052625	30	5	2000	25	M6	379	80	502	4/4
QB3011825		10	1000	25	M8	573	40	754	4/4
QB3012825		10	2000	25	M8	573	80	754	2/2
QB3251625	32	5	1000	25	M6	400	40	530	4/4

AVAILABLE ON REQUEST: make to order (dimensions and surface treatments)

POLYESTER INSULATORS (L.V.)





INSULATION MATERIAL: red polyester and fiberglass
INSERT MATERIAL: galvanized steel threaded according to ISO standards
INSULATION SELF-EXTINGUISHING: UL 94 V0
OPERATING TEMPERATURE: from -40 °C to +135 °C
APPLICATIONS: support of threaded and drilled copper bars

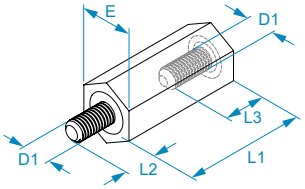
Code	L1 (mm)	D1	L2 (mm)	E wrench (mm)	D2 (mm)	Tightening torque (Nm)	AC Voltage (kV)	DC Voltage (kV)	Tensile strength (daN)	Bending strength (daN)	
QHEP01604	16	M4	3,5	14	11	1,5	0,6	0,8	80	25	50/50
QHEP02004	20	M4	5	18	14	2,5	0,8	1,1	182	65	25/25
QHEP02006		M6	5	18	14	5	0,8	1,1	195	75	25/25
QHEP02505	25	M5	7	21	16	5	1	1,4	350	92	20/20
QHEP02506		M6	7	25	22	6	1	1,4	540	190	20/20
QHEP03006	30	M6	9	32	24	6	1,2	1,6	532	154	10/10
QHEP03008		M8	9	32	25	15	1,2	1,6	796	240	10/10
QHEP03506	35	M6	12	32	26	6	1,4	1,9	620	244	10/10
QHEP03508		M8	12	32	26	15	1,4	1,9	670	250	10/10
QHEP03510		M10	12	32	26	20	1,4	1,9	805	190	10/10
QHEP04006	40	M6	12	38	30	6	1,6	2,2	870	280	10/10
QHEP04008		M8	12	39	31	20	1,6	2,2	860	340	10/10
QHEP04010		M10	12	38	30	25	1,6	2,2	1054	345	10/10
QHEP04506	45	M6	12	40	32	10	1,8	2,5	990	310	10/10
QHEP04508		M8	12	40	32	20	1,8	2,5	1100	345	10/10
QHEP04510		M10	12	40	32	30	1,8	2,5	1220	300	10/10
QHEP05006	50	M6	12	46	35	10	2	2,8	1120	300	10/10
QHEP05008		M8	17	46	35	20	2	2,8	1500	420	10/10
QHEP05010		M10	17	46	35	30	2	2,8	1550	500	10/10
QHEP05012		M12	17	46	35	50	2	2,8	1511	472	10/10
QHEP06008	60	M8	17	50	38	20	2,4	3,3	1200	253	4/4
QHEP06010		M10	17	50	38	30	2,4	3,3	1570	410	4/4
QHEP06012		M12	17	50	38	50	2,4	3,3	1640	520	4/4
QHEP07010	70	M10	22	55	41	30	2,8	3,9	1720	490	4/4
QHEP07012		M12	22	55	41	50	2,8	3,9	1800	500	4/4
QHEP07512	75	M12	22	53	42	50	3	4,2	1840	540	4/4

file n° E 514246

HALOGEN FREE

INSULATED SPACERS (L.V.)

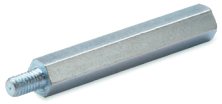


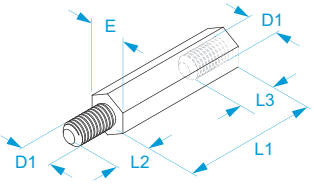


INSULATION MATERIAL: PBT black polyester
INSERT MATERIAL: galvanized steel male and female threaded according to ISO standards
INSULATION SELF-EXTINGUISHING: UL 94 V0
OPERATING TEMPERATURE: from -40 °C to +135 °C
APPLICATIONS: support for different applications such as electronic board protections

Code	L1 (mm)	D1	L2 (mm)	L3 (mm)	E wrench (mm)	Tightening torque (Nm)	AC Voltage (kV)	DC Voltage (kV)	
QSCP015M4	15	M4	7	8,5	9	1	0,5	0,7	100/100
QSCP020M4	20		7	8,5	9	1,5	0,6	0,8	100/100
QSCP025M4	25		7	8,5	9	1,5	0,8	1,1	50/50
QSCP030M4	30		9	8,5	9	1,5	1	1,4	50/50
QSCP040M4	40		9	7	9	1,5	1,4	1,9	50/50
QSCP055M4	55		9	7	9	1,5	1,8	2,5	50/50
QSCP060M4	60		9	7	9	1,5	1,8	2,5	50/50
QSCP090M4	90		9	7	9	1,5	1,8	2,5	50/50
QSCP015M5	15	M5	7	8,5	13	3,5	0,5	0,7	100/100
QSCP020M5	20		7	8,5	13	3,5	0,6	0,8	100/100
QSCP025M5	25		7	8,5	13	3,5	0,8	1,1	50/50
QSCP030M5	30		7	8,5	13	3,5	1	1,4	50/50
QSCP045M5	45		7	8,5	13	3,5	1,6	2,2	50/50
QSCP055M5	55		7	8,5	13	3,5	1,8	2,5	50/50
QSCP070M5	70		7	8,5	13	3,5	1,8	2,5	50/50
QSCP085M5	85		7	8,5	13	3,5	1,8	2,5	50/50
QSCP120M5	120		7	8,5	13	3,5	1,8	2,5	50/50
QSCP015M6	15	M6	7	8,5	13	4	0,5	0,7	100/100
QSCP020M6	20		7	8,5	13	4	0,6	0,8	100/100
QSCP025M6	25		7	8,5	13	4	0,8	1,1	50/50
QSCP030M6	30		7	8,5	13	4	1	1,4	50/50
QSCP045M6	45		7	8,5	13	4	1,6	2,2	50/50
QSCP060M6	60		7	8,5	13	4	2	2,5	50/50
QSCP070M6	70		7	8,5	13	4	1,8	2,5	50/50
QSCP120M6	120		7	8,5	13	4	1,8	2,5	50/50

UNINSULATED SPACERS

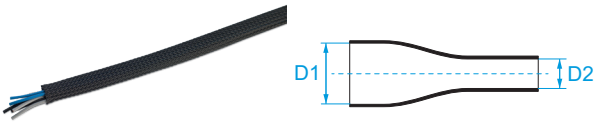




MATERIAL: galvanized steel male and female threaded
APPLICATIONS: support for plates, screens and profiles

Code	L1 (mm)	D1	L2 (mm)	L3 (mm)	E wrench (mm)	Tightening torque (Nm)	
QSMS015M4	15	M4	8	10	7	2,5	100/100
QSMS020M4	20		8	10	7	2,5	100/100
QSMS025M4	25		10	10	7	2,5	50/50
QSMS030M4	30		10	10	7	2,5	50/50
QSMS040M4	40		10	10	7	2,5	50/50
QSMS050M4	50		10	10	7	2,5	50/50
QSMS060M4	60		10	10	7	2,5	50/50
QSMS015M5	15	M5	8	10	8	5	100/100
QSMS020M5	20		8	10	8	5	100/100
QSMS025M5	25		10	10	8	5	50/50
QSMS030M5	30		10	10	8	5	50/50
QSMS040M5	40		10	10	8	5	50/50
QSMS050M5	50		10	10	8	5	50/50
QSMS060M5	60		10	10	8	5	50/50
QSMS080M5	80		10	10	8	5	25/25
QSMS015M6	15	M6	10	10	10	8	100/100
QSMS020M6	20		10	10	10	8	100/100
QSMS025M6	25		10	10	10	8	50/50
QSMS030M6	30		10	10	10	8	50/50
QSMS040M6	40		10	10	10	8	50/50
QSMS050M6	50		10	10	10	8	50/50
QSMS060M6	60		10	10	10	8	50/50
QSMS080M6	80		10	10	10	8	25/25

CABLE PROTECTION · EXPANDABLE CABLING SLEEVES · POLYESTER



MATERIAL: polyester
OPERATING TEMPERATURE: da -50°C a +125°C max
MELTING POINT: 240 ± 10°C
SHEATH SELF-EXTINGUISHING GRADE: VW-1 (UL 1581)
MATERIAL SELF-EXTINGUISHING GRADE: UL 94 V2

Code	Size (mm)	Length (m)	Color	D1 (Ø mm)	D2 (Ø mm)	
GCP006MGR	6	100	Grey	9	3	1/1
GCP006MNE		100	Black			1/1
GCP008MGR	8	100	Grey	12	5	1/1
GCP008MNE		100	Black			1/1
GCP010MGR	10	100	Grey	17	7	1/1
GCP010MNE		100	Black			1/1
GCP015MGR	15	50	Grey	27	10	1/1
GCP015MNE		50	Black			1/1
GCP020MGR	20	50	Grey	30	14	1/1
GCP020MNE		50	Black			1/1
GCP030MGR	30	50	Grey	50	20	1/1
GCP030MNE		50	Black			1/1
GCP040MGR	40	50	Grey	60	30	1/1
GCP040MNE		50	Black			1/1

file n° E515258

FLAME RETARDANT

HALOGEN FREE

CUTTER AND PUNCHER · FOR DIN RAILS



Cutter and puncher for EN 50035, EN 50022, and EN 50045 rails. The tool is designed for extremely rapid, precise and safe cutting and punching of standardized support metal rails. It makes neat cuts without scraping or deforming the bar.
Punching is done by means of a separate operation and enables to make Ø 6.5 mm holes. The tool is supplied with a bar lock to set the cutting and punching length. This makes repeat operations easier.
Specific dies and guides for the standardised metal rails are available.
Additionally, a complete hydraulic kit is available; it allows the connection to a hydraulic pump.

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
2691	Cutter and puncher for DIN rails	1060	150	150	6	1225x220x220	SC

ACCESSORIES FOR CUTTER AND PUNCHER DIN RAILS: EXTENSION KIT



Bar holder extension kit for BM 2691.
The modular unit allows the increase of the cutting and punching length by multiples of 600 mm.
Adjustment scale in mm.

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
26913	Bar holder extension kit for BM 2691.	50	70	50	1	60x80x60	SC

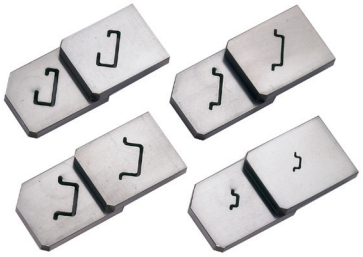
ACCESSORIES FOR CUTTER AND PUNCHER DIN RAILS: HYDRAULIC KIT

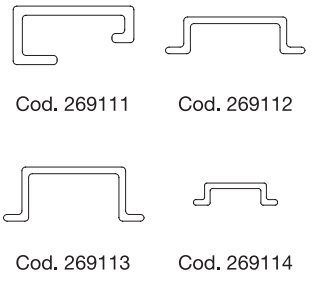


Complete hydraulic kit for BM 2691

Code	Description	Length (mm)	Width (mm)	Thickness (mm)	Weight (kg)	Pack size LxWxH (mm)	
26914	Complete hydraulic kit for BM 2691. It replaces the hand lever and allows the connection to a hydraulic pump.	600	30	30	1	630x30x30	SC

ACCESORIES FOR CUTTER AND PUNCHER DIN RAILS: DIES

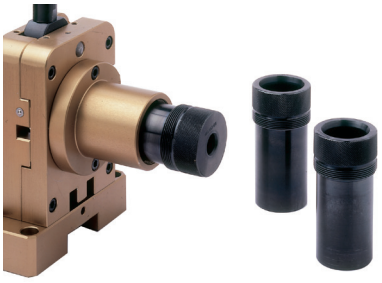




Die pair for BM 2691.
SERIES: G1
COMPATIBILITY: BM 2691

Code	Rail type height (mm)	Terminal type
269111		for EN 50035 rails
269112	7.5	for EN 50022 rails
269113	15	for EN 50022 rails
269114		for EN 50045 rails

ACCESORIES FOR CUTTER AND PUNCHER DIN RAILS: GUIDES



Code	Description
26912	Guide support
269121	Guide for EN 50035 rail
269122	Guide for EN 50022 rails
269123	Guide for EN 50045 rail