

HR-45N

RING TERMINAL, 45° BEND, FOR COPPER CONDUCTORS



CERTIFICATIONS & APPROVALS

UL (cULus)

Features

TECHNICAL INFORMATION

Minimum operating temperature	-50°C
Maximum operating temperature	150°C
Bend angle of the connection	-45°
Number of holes on the palm	1
Easy insertion input	Yes
Surface treatment	tin plating

CLASSIFICATION AND DATA ORDERING

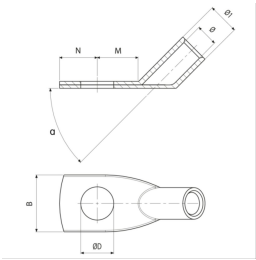
Customs code	85369010
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MATERIAL COMPOSITION AND TREATMENTS

Conductor body material	Rame elettrolitico con purezza superiore al 99,95%
Annealing	Yes

CERTIFICATIONS

UL standard	486A-486B
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HR-45N

tipo	Crimping geometry	Range of cable cross section [mm²]	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	ROHS compliant
HR6-4/45N	hexagonal; W indent	6	M4	4.3	8.5	7.5	8.5			8.5	3.5	10	6.5	100	400	Yes
HR6-5/45N	hexagonal; W indent	6	M5	5.3	10	7.5	8.5			10.5	3.5	12	6.5	100	400	Yes
HR6-6/45N	hexagonal; W indent	6	M6	6.4	11.5	7.5	8.5	5	7	10.5	3.5	12	6.5	100	400	Yes
HR6-8/45N	hexagonal; W indent	6	M8	8.4	15	10	11	10	20	10.5	3.5	12	6.5	100	400	Yes
HR6-10/45N	hexagonal; W indent	6	M10	10.5	17	12	13	20	35	10.5	3.5	12	6.5	100	400	Yes
HR6-12/45N	hexagonal; W indent	6	M12	13.2	19	13.5	16	40	50	10.5	3.5	12	6.5	100	400	Yes
HR10-4/45N	hexagonal; W indent	10	M4	4.3	12	7.5	8.5			8.5	4.5	10	7	100	400	Yes
HR10-5/45N	hexagonal; W indent	10	M5	5.3	12	7.5	8.5			10.5	4.5	12	7	100	400	Yes
HR10-6/45N	hexagonal; W indent	10	M6	6.4	12	7.5	8.5	5	7	10.5	4.5	12	7	100	400	Yes
HR10-8/45N	hexagonal; W indent	10	M8	8.4	15	10	11	10	20	10.5	4.5	12	7	100	400	Yes
HR10-10/45N	hexagonal; W indent	10	M10	10.5	17	12	13	20	35	10.5	4.5	12	7	100	400	Yes
HR10-12/45N	hexagonal; W indent	10	M12	13.2	19	13.5	16	40	50	10.5	4.5	12	7	100	400	Yes
HR16-5/45N	hexagonal; W indent	16	M5	5.3	12	7.5	8.5			12	5.5	14	8.5	100	400	Yes
HR16-6/45N	hexagonal; W indent	16	M6	6.4	12	7.5	8.5	5	7	12	5.5	14	8.5	100	400	Yes
HR16-8/45N	hexagonal; W indent	16	M8	8.4	15	10	11	10	20	12	5.5	14	8.5	100	400	Yes
HR16-10/45N	hexagonal; W indent	16	M10	10.5	17	12	13	20	35	12	5.5	14	8.5	100	400	Yes
HR16-12/45N	hexagonal; W indent	16	M12	13.2	19	13.5	16	40	50	12	5.5	14	8.5	100	400	Yes
HR25-5/45N	hexagonal; W indent	25	M5	5.3	14	7.5	9			13	7	15	10	100	400	Yes
HR25-6/45N	hexagonal; W indent	25	M6	6.4	14	7.5	9	5	7	13	7	15	10	100	400	Yes
HR25-8/45N	hexagonal; W indent	25	M8	8.4	15	10	11	10	20	13	7	15	10	100	400	Yes
HR25-10/45N	hexagonal; W indent	25	M10	10.5	18	12	13	20	35	13	7	15	10	100	400	Yes

	tipo	Crimping geometry	Range of cable cross section [mm²]	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	ROHS compliant
	HR25-12/45N	hexagonal; W indent	25	M12	13.2	19	13	14	40	50	13	7	15	10	100	400	Yes
	HR35-6/45N	hexagonal; W indent	35	M6	6.4	17	7.5	9	5	7	15.5	8.5	18	12	50	200	Yes
	HR35-8/45N	hexagonal; W indent	35	M8	8.4	17	10	11	10	20	15.5	8.5	18	12	50	200	Yes
	HR35-10/45N	hexagonal; W indent	35	M10	10.5	19	12	13	20	35	15.5	8.5	18	12	50	200	Yes
	HR35-12/45N	hexagonal; W indent	35	M12	13.2	21	13	14	40	50	15.5	8.5	18	12	50	200	Yes
	HR35-16/45N	hexagonal; W indent	35	M16	17	26	16	18.5	90	90	15.5	8.5	18	12	50	200	Yes
	HR50-6/45N	hexagonal; W indent	50	M6	6.4	20	10	11	5	7	18.5	10	21	14	50	200	Yes
	HR50-8/45N	hexagonal; W indent	50	M8	8.4	20	10	11	10	20	18.5	10	21	14	50	200	Yes
	HR50-10/45N	hexagonal; W indent	50	M10	10.5	20	12	13	20	35	18.5	10	21	14	50	200	Yes
	HR50-12/45N	hexagonal; W indent	50	M12	13.2	21	13	14	40	50	18.5	10	21	14	50	200	Yes
	HR50-16/45N	hexagonal; W indent	50	M16	17	26	16	18.5	90	90	18.5	10	21	14	50	150	Yes
	HR50-20/45N	hexagonal; W indent	50	M20	21	30	19	20		150	18.5	10	21	14	50	200	Yes
	HR70-6/45N	hexagonal; W indent	70	M6	6.4	24	10	12	5	7	20	12	22	16.5	20	80	Yes
	HR70-8/45N	hexagonal; W indent	70	M8	8.4	24	10	12	10	20	20	12	22	16.5	20	80	Yes
	HR70-10/45N	hexagonal; W indent	70	M10	10.5	24	12	13	20	35	20	12	22	16.5	20	80	Yes
	HR70-12/45N	hexagonal; W indent	70	M12	13.2	24	13	14	40	50	20	12	22	16.5	20	80	Yes
	HR70-16/45N	hexagonal; W indent	70	M16	17	28	16	18.5	90	90	20	12	22	16.5	20	80	Yes
	HR70-20/45N	hexagonal; W indent	70	M20	21	30.5	19	21.5		150	20	12	22	16.5	20	80	Yes
	HR95-8/45N	hexagonal; W indent	95	M8	8.4	26	10	12	10	20	24.5	13.5	27	18	20	80	Yes
	HR95-10/45N	hexagonal; W indent	95	M10	10.5	26	12	13	20	35	24.5	13.5	27	18	20	80	Yes
	HR95-12/45N	hexagonal; W indent	95	M12	13.2	26	13	14	40	50	24.5	13.5	27	18	20	80	Yes
	HR95-16/45N	hexagonal; W indent	95	M16	17	28	16	19	90	90	24.5	13.5	27	18	20	80	Yes
	HR95-20/45N	hexagonal; W indent	95	M20	21	32	21	23		150	24.5	13.5	27	18	20	80	Yes

	tipo	Crimping geometry	Range of cable cross section [mm²]	Screw diameter	ØD [mm]	B [mm]	N [mm]	M [mm]	Tightening torque (high conductivity screw) [nm]	Tightening torque (8.8 grade screw) [nm]	A [mm]	Ø [mm]	Cable stripping length [mm]	Ø1 [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	ROHS compliant
	HR120-8/45N	hexagonal; W indent	120	M8	8.4	29	14	14	10	20	25.5	15	29	19.5	20	80	Yes
	HR120-10/45N	hexagonal; W indent	120	M10	10.5	29	14	14	20	35	25.5	15	29	19.5	20	80	Yes
	HR120-12/45N	hexagonal; W indent	120	M12	13.2	29	14	14	40	50	25.5	15	29	19.5	20	80	Yes
	HR120-16/45N	hexagonal; W indent	120	M16	17	31	16	19	90	90	25.5	15	29	19.5	20	80	Yes
	HR120-20/45N	hexagonal; W indent	120	M20	21	36	21	23		150	25.5	15	29	19.5	20	80	Yes
	HR150-8/45N	hexagonal; W indent	150	M8	8.4	31	14	14	10	20	28.5	16.5	32	21	10	40	Yes
	HR150-10/45N	hexagonal; W indent	150	M10	10.5	31	14	14	20	35	28.5	16.5	32	21	10	40	Yes
	HR150-12/45N	hexagonal; W indent	150	M12	13.2	31	15	15	40	50	28.5	16.5	32	21	10	40	Yes
	HR150-16/45N	hexagonal; W indent	150	M16	17	31	16	19	90	90	28.5	16.5	32	21	10	40	Yes
	HR150-20/45N	hexagonal; W indent	150	M20	21	36	21	23		150	28.5	16.5	32	21	10	40	Yes
	HR185-10/45N	hexagonal; W indent	185	M10	10.5	35	16	19	20	35	31.5	19	35	21	10	40	Yes
	HR185-12/45N	hexagonal; W indent	185	M12	13.2	35	16	19	40	50	31.5	19	35	21	10	40	Yes
	HR185-16/45N	hexagonal; W indent	185	M16	17	35	16	19	90	90	31.5	19	35	21	10	40	Yes
	HR185-20/45N	hexagonal; W indent	185	M20	21	37	21	23		150	31.5	19	35	21	10	40	Yes
	HR240-10/45N	hexagonal; W indent	240	M10	10.5	39	16	19	20	35	36.5	21	41	26	10	20	Yes
	HR240-12/45N	hexagonal; W indent	240	M12	13.2	39	16	19	40	50	36.5	21	41	26	10	20	Yes
	HR240-16/45N	hexagonal; W indent	240	M16	17	39	16	19	90	90	36.5	21	41	26	10	20	Yes
	HR240-20/45N	hexagonal; W indent	240	M20	21	39	21	23		150	36.5	21	41	26	10	20	Yes
	HR300-12/45N	hexagonal; W indent	300	M12	13.2	44	16	19	40	50	45	23.5	50	29.5	5	10	Yes
	HR300-16/45N	hexagonal; W indent	300	M16	17	44	21	23	90	90	45	23.5	50	29.5	5	10	Yes
	HR300-20/45N	hexagonal; W indent	300	M20	21	44	21	23		150	45	23.5	50	29.5	5	10	Yes

